

### PRODUCT CATALOGUE

AUTOMOTIVE. INDUSTRIAL. SOLAR

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Note: All the products information shown in this product catalog will have a product weight tolerance of  $\pm$  5%.

## **CORPORATE PROFILE**

#### - ABOUT US

### YHI INTERNATIONAL LIMITED

YHI International Limited is a leading global distributor of high-quality automotive and industrial products, and a trusted brand name in alloy wheels manufacturing as an Original Design Manufacturer (ODM) and was listed on the Mainboard of the Singapore Exchange on 3 July 2003.

Today, YHI's international presence spans across over 100 countries through its 32 subsidiaries and 2 associated companies



located across Asia Pacific, North America and Europe. YHI distributes a diverse range of premium automotive products, which includes tyres, alloy wheels, energy solutions, buggy & utilities vehicles and other industrial products to more than 5,000 customers globally.

In order to strengthen YHI distribution network, the Group will continuously sharpen its sales focus, as well as embark on strategic plans to promote and develop its portfolio of premium and proprietary brands in the global market where "The World is Our Market".

### YHI POWER PTY LTD - AUSTRALIA



YHI POWER PTY LTD as part of YHI Group, was established in Australia in 1994, the company has grown and diversified its business and is now recognised as a distributor of high quality industrial, automotive, solar batteries and associated products.

Our friendly, experienced and highly motivated sales personnel are committed to provide all of our customers with consistent

customer care. They will ensure that the batteries are fresh and ready to use, that the product warranties are settled promptly on site, stocks are rotated and kept clean and presentable. We always keep our customers up to date with the latest news and information regarding our products through various forms of media, and we listen to our customers needs through various feed back mechanisms.



Using a network of sales and warehousing facilities in Sydney, Melbourne, Brisbane, Perth & Adelaide, YHI Power provides superior customer service to ensure the customer has the right product, on time, to meet their needs.

- · Sole Australian Distributor of Vision, CSB and Crown batteries.
- · Exclusive distributor of Neuton Power & Neuton Power K (YHI's own brand) products.
- · Supplier of battery chargers, racks, cabinets and various accessories.

Our focus is to strengthen and widen our distribution network, sharpen our sales focus and embark our multi-brand, multi-category and multi-product (3M) marketing strategy.

### YHI MISSION STATEMENT

- To be a recognised global distributor of high-quality automotive and industrial products, and a familiar and trusted brand name in alloy wheels manufacturer as an Original Design Manufacturer.
- To position YHI Group effectively by continuously providing customers with quality products and distinctive customer services so as to build strong customer relationships.
- To provide growth and opportunities for our employees and to consistently generate stable returns to shareholders.
- To be committed to quality, professional and personnel management, sound business practices and teamwork.

### YHI POWER SEVICE

#### - OUR COMMITMENT

### **YHI POWER SERVICE & SUPPORT**

We believe that the YHI POWER value-for-money goes beyond the superior quality and competitive price of our products. Beyond these, what really sets us apart from the rest is our commitment to service and our customers.



Our experienced Support Team are experts in all areas -

providing valuable technical, battery knowledge and prompt warranty solutions. We believe in building lasting business relationships based on fairness and mutual growth by providing consistent, efficient and cost-effective supply of products to ensure the viability of our customers' own businesses.



We provide sufficient merchandising support to our customers to help them with the success of their own businesses. Neuton Power and Neuton Power K headerboards, battery stands, signages, posters, brochures, application manuals, product catalogues, and other give-aways are readily available for customers upon the recommendation of our sales representatives. We also include selected customers in various advertising campaigns, such as the directory listings, magazine spreads, and our website. We also have various promos throughout the year to entice more sales for our customers.

### **DISTRIBUTION NETWORK**



YHI POWER is extremely proud of our nationwide coverage, having serviced thousands of customers across Australia throughout the years. Our network includes over 15 warehousing locations and over 40 vehicles from across Victoria, New South Wales, ACT, Queensland, Western Australia, South Australia and the Northern Territory.

This facilitates the servicing of over 3000 regular customers through consistent, scheduled service. For more information on YHI POWER's range of products and services, please contact your nearest YHI POWER office

on 1300 722 028 or visit www.yhipower.com.au

## **CON CASTING & ROLLING**

#### **DOUBLE ENVELOPING WITH ANTI-VIBRATION**





- Design flexibility
- Grid with frames
- Light weight producing



- More efficience on grid making
- Exceptional product consistency
- Double enveloping with fibre glass mat

#### **GLUING EQUIPMENT**



#### **GLUING PROCESS**



#### **GLUED BATTERY**





- Use special glue to fasten the plate group, which can improve the vibration & resistance performance of the battery.
- Advantage of mechanical welding:
- 1. Good welding quality & consistency
- 2. High producing efficiency
- 3. Improve the efficiency of mould ( one mould for more models).



## HEAVY DUTY



### **START-STOP** Truck Batteries



#### **Enhanced Flooded Batteries (EFB)**

- High density plate for better corrosion resistance
- Superior starting power and reserve capacity

#### **Absorbent Glass Mat (AGM)**

- Up to 1200CCA & 330AH Capacity
- Spill-proof design & Greater cycle life
- Highly efficient special micro-porous glass mat
- Separators that absorb electrolytes

Neuton Power's popular series of enhanced flooded batteries (EFBs) and absorbent glass mat (AGM) car batteries were designed for vehicles with start/stop systems with very large electrical drains. EFBs are the improved version of the wet flooded batteries, while AGM batteries benefit from features not found in EFB, such as glass mat separators, one-way vent system and increased pack pressure. Both these battery types incorporate the punch grid technology for better rigidity, reduced corrosion, plate growth and also reducing the possibility of internal short circuiting. All these provide better active mass utilization, and therefore improving

cycle life and charge acceptance.



**AUSTRALIA WIDE DISTRIBUTION** 



# Neuton Power K Brand NEW Premium SILVER SERIES Batteries

Silver Series Batteries have 25% higher Starting Power and 15% higher Capacity than other Standard Maintenance-free Batteries.

Please note: This Data is supplied by our manufacturer Engineers.

## STRONG & POWERFUL!

#### **KEY FEATURES**

#### Punched Grid for Positive grid

- Improved corrosion resistance & longer life
- Minimized self-discharge, enhancing cold cranking power
- Uniformed grid dimension and smooth electrical flow
- Strong physical strength by full frame rounded edge grid design

#### Unique Grid Surface Design

- Enhanced adhesion of active materials to grid
- Internal short circuit protected by wide-bridge & adhesion of active materials

#### Micro 4BS Crystal Structure of Active Materials

- Extended life cycle by adding special additives in active material
- Delay of sulfation throughout high charge-discharge efficiency

#### Micro Fiber & Special Tissue

- Enhanced adhesion of active materials



# CROSS REFERENCE CHART & PRODUCT SPECIFICATIONS

RELIABILITY. PERFORMANCE. LIFE. EXTRA POWER

## CROSS REFERENCE CHART

		YHI POWE	ER AUTON	IOTIVE	CRUSS I	KEFEKI	ENCE C	HARI		
NP	NPK	SILVER SERIES	SUPERCHARGE	EXIDE	AC DELCO	ALCO	APOLLO	BOSCH	CENTURY	CLUB AS
			Р	ASSENGER '	VEHICLE RANG	E				
38B19L	K38B19L		SMFNS40ZLX	40CPMF	S42B19L	40B19L	NS60L	NS60L	NS40ZLXMF	2384
38B19R	K38B19R		SMFNS40ZX	40DPMF	S42B19R	40B19R	NS60	MF40B20DF	NS40ZMF	2383
38B19LS	K38B19LS		SMFNS40ZALX	40CMF	S42B19LS	40B19LS	MFNS40ZAL	40B19LS	NS40ZLSMF	2381
38B19RS	K38B19RS		SMFNS40ZA	40DMF	S42B19RS	40B19RS	MFNS40ZA	40B19RS	NS40ZSXMF	2382
	K38B19FL								NS40ZLBSMF	
46B24LS	K46B24LS		SMFNS60LS	60CMF	S55B24L	50B24LS	MFNS60AL	55B24LS	NS60LS	2134
46B24RS	K46B24RS		SMFNS60RS	60DMF	S55B24R	50B24RS	MFNS60A	55B24RS	NS60RS	2133
46B24L	K46B24L		MF55B24L	60CPMF	S55B24L	50B24L	MFNS60L	55B24L	NS60L	2136
46B24R	K46B24R		MF55B24R	60DPMF	S55B24R	50B24R	MFNS60	55B24R	NS60	2135
	K50D20L		MF50D20L	50D20LMF	S50D20L		MF50D20L		50D20LMF	
55B24R			MF55B24R	X60DPMF	S55B24R		MFNS60	55B24R	NS60XMF	
55B24RS			MF55B24RS	X60DMF	S55B24RS		MFNS60A	55B24RS	NS60SXMF	
55B24L			MF55B24L	X60CPMF	S55B24L		MFNS60L	55B24L	NS60LXMF	
55B24LS		55B24LS-S	MF55B24LS	X60CMF	S55B24LS		MFNS60AL	55B24LS	NS60LSXMF	
43			MF43	X43MF		N39	MFN39	22F-330D	43	2134
			HEA	AVY DUTY PA	ASSENGER RAN	IGE				
	K85L450									
	K85R450									
85L550	K85L550		SMF58VT	54CMF	22F530SMFDF	NS50EB	MFN54	22F-520	58VT	2504
85R550	K85R550		SMF57	52DMF	AU22530SMFDI	NS50EF	MFN50	22FR-520	57	2503
85L550	K85L550		SMF58		22F530SMFDF	N51	MFN54	22F-520	58	2176
85EFR550	K85EFR550		MF50/MF54	53DMF	S85B60R	85-550	MFN50EF	22EFR-520	57EF	2541
85DFL550	K85DFL550		SMF58VT	54DMF	S85B60L	85R-550	MFN51	22F-520DF	58	2542
85L610		K85L620S	MF53	X56CMF						
85DFL610			MF51							
85R610		K85R620S	MF50	X56DMF					67EFMF	
85EFR610	K85EFR550		SMF57	52DMF	AU22530SMFDI	NS50EF	MFN50	22FR-520	57	2503
55D23LX	K55D23LX	K55D23LS	SMF55D23L	55D23CMF	S70D23L	55D23L	MF55D23L	55D23L	75D23LMF	2544
55D23R	K55D23R	K55D23RS	SMF55D23R	55D23DMF	S70D23R	55D23R	MF55D23R	55D23R	75D23RMF	2585
65D	K65D		MF65	X65DMF	S65-7MF		MF65D	65-7MF	N65D	
78-700	K78-670		MF78DT	X78DT-60MF		78-750				
				SILVE	R RANGE					
85R650S		K85R620S	MF50	X56CMF	22FR680SMF			22FR-680	67EFMF	
85L650S		K85L620S	MF52	X56DMF				22F-680		
55D23LS		K55D23LS	MF75D23L	X55D23CMF				90D23L		
95D31RS		K95D31RS	MF95D31R	XN70ZZMF	S95D31RS			125D31R	N70ZZMF	
95D31LS		K95D31LS	MF95D31L	XN70ZZLMF				125D31L	N70ZZLMF	
	No. of Contract of			EUROPE	AN RANGE	10112	T was maken		75W00000000000000000	
54317	K54317		MF44	XDIN44MF	S54516	N36	MFN44	54316	DIN44LMF	3372
54437	K54437		MF44H	XDIN44HMF	S55045			55066	DIN44LHMF	
55519	K55519	K55519S	MF55	XDIN55MF	S56220	55457	MFN55	55457	DIN53L	3552
55520	K55520		MF55R	XDIN55DMF	S55458	55459	MFN55R	55458	DIN53R	3551
55530	K55530	K55530S	MF55H	XDIN55HMF	S56030		MFN55H	56219	DIN53LHMF	
56318	K56318	K56318S	MF66	XDIN66MF	S56318	57113	MFN66	56318	DIN65LHDMF	3662

NP	NPK	SILVER SERIES	SUPERCHARGE	EXIDE	AC DELCO	ALCO	APOLLO	BOSCH	CENTURY	CLUB AS
56319	K56319	OILVEIT GETTIEG	MF66R	XDIN66DMF	S56319	ALCO	MFN66R	57013	DIN65R	3661
56638	K56638	K56638S	MF66H	XDIN66HMF	S56638		MFN66H	574-035	DIN65LH	3775
56639	K56639	1000000	MF66HR	XDIN66HDMF	S56640		MFN66RH	574-135	DIIVOOLII	0110
57539	K57539		MF77	XDIN77MF	S58014		MFN77	58014	DIN75LMF	3772
58043	K58043	K58043S	MF77H	XDIN77HMF	S59096		MHN77H	30014	DIN75LHD	0112
58044	K58044	K58044S	MF77HRX	XDIN77HDXMF	100000000000000000000000000000000000000		100 1147 711		DIN75RHMF	
58588	K58588	1,550440	N88MF	XDIN88MF	27-90	58515	MFN88	58515	DIN85LMF	3882
60044	K60044	K60044S	MF88H	XDIN88HMF	S60038	30313	MFDIN100	60038	DIN85LHMF	3002
DIN100	K00044	K000443	WIFOOTI	ADIIVOONIVIE	300036		MFDIN100	60038	DINOSLHIVIF	
DIN100				I AWA I	WER RANGE		WIFDIN 100	60036		
114D 200	KIMB 250		MELIA/NOS				ME40NO4-0	114.000	LIANE	
U1R-280	KU1R-250		MFU1/N05	U1RMF	SU1-60		MF12N24-3	U1-260	U1MF	
U1-280	KU1-250		MFU1/N06	U1LMF	SU1R-60		MF12N24-4	U1R-260	U1RMF	
U1R-340	KU1R-350		MFU1/N05	U1RMF	SU1-60		MF12N24-3	U1-260	U1MF	
U1-340	KU1-350		MFU1/N06	U1LMF	SU1R-60		MF12N24-4	U1R-260	U1RMF	
				_	RINE					
M24	KM24		MFM50	MSST24	HCM24SMF	CV24MF	MFM24		M24MF	7501
M27	KM27		MFM70	MSST27	HCM27SMF	XV27MF	MFM27		M27MF	7601
M31	KM31			MSST31	HCM31SMF	XV31MF	MFM31		86MMF	
				MRV RANGE	(DUAL POSTS)	)				
MRV24	KMRV24		MRV50	MSDP24	HCM24SMF		MFM24	HCM24-600	NS70TXMF	
MRV27	KMRV27		MRV70	MSDP27	HCM27SMF		MFM27	HCM27-700	N70ZZHDMF	
MRV27L	KMRV27L		MRV27L	MSDP27C	HCM27ISMF				N70ZZLHDMF	
MRV31	KMRV31		MRV87	MSDP31	HCM31SMF		MFM31	HCM31-850	86MF	
				START S	TOP AGM					
VRL150					S55066					
VRL260			MF55HSS	SSAGM-55EU	S56090AGM	SA56020	AGM60L2	LN2	DIN53LHAGM	5526
VRL370	KAGM70		MF66HSS	SSAGM-66EU	S57090AGM	SA57020	AGM70L3	LN3	DIN65LHAGM	5536
VRL480			MF77HSS	SSAGM-77EU	S58090AGM	SA58020	AGM80L4	LN4	DIN75LHAGM	5556
VRL590	KAGM95		MF88HSS	SSAGM-88EU	S59590AGM	SA59520	AGM90L5	LN5	DIN92LAGM	3888
VRL6105								LN6		5566
				START S	STOP EFB					
	KEFB55530		EFBN55HMF							
	KEFB56318									
	KEFB56638		EFBN66HMF							
	KEFB57539									
	KEFB58043		EFB77HMF							
	KEFB60044		EFBN88HMF							
	KEFB46B24L			SSEFB-B24						
	KEFB46B24R									
EFB55D23L	KEFB55D23L		MFD23EF	SSEFB-D23	SQ8523LEFB		459EFB		Q85	4032
	KEFB55D23R		MFD23EF	SSEFB-D23	SQ8523LEFB		459EFB		Q85	4032
FB80D26L	KEFB80D26L		MFD25EF	SSEFB-D26	SQ95D26LEFB		463EFB		S85	5582
FB95D31L	KEFB95D31L		MFD31EF		ST110D31LEFB		481EFB		T110	4092
	KEFB95D31R		MFD31EF		ST110D31LEFB		481EFB		T110	4092
			4x4 & LIG	HT COMMER	CIAL VEHICLE	SRANGE				

NP	NPK	SILVER SERIES	SUPERCHARGE	EXIDE	AC DELCO	ALCO	APOLLO	BOSCH	CENTURY	CLUB ASS
80D26LX	K80D26LX	K80D26LS	SMFNS70LX	N50ZZL	S80D26L	N53	MFN53	80D26L	NS70L	4504
80D31R	K80D31R		PSN70ZZ	EN70ZZMF	S95D31RHD	N70ZZ	MFN70Z	75D31R	N70ZZ	4703
80D31L	K80D31L		PSN70ZZL	EN70ZZLMF	S95D31LHD	N70ZZL	MFN70ZL	75D31L	N70ZZL	4704
A80D31R				N70ZMF	S80D31R					
A80D31L				N70ZLMF	S80D31L					
95D31R	K95D31R	K95D31RS	SMFN70ZZX	N70ZZMF	S95D31RHD	105D31R	N70ZZMF	95D31R	N70ZZX	
95D31L	K95D31L	K95D31LS	SMFN70ZZLX		S95D31LHD	105D31L	N70ZZLMF	95D31L	N70ZZLX	
A95D31R			TMN70ZZ	N70ZZ						
A95D31L			TMN70ZZL	N70ZZL						
	KA95D31R			N70ZZMF	S95D31RHD		N70ZZMF			
	KA95D31L			N70ZZLMF	S95D31LHD		N70ZZLMF			
	K105D31R		MF95D31R	N70ZZMF	S95D31RHD		N70ZZMF	105D31R		
	K105D31L		MF95D31L	N70ZZLMF	S95D31LHD		N70ZZLMF	105D31L		
			TRUCK	/TRACTOR/	HEAVY COMM	IERCIAL				
G31-1000T	KG31-1000T			31-950C			G31-1000T	31-900T		
31-1000/MF	KG31-1000		MF31-931	31-1100MF	S31-901MF	31-900	G31-1000	31-900		
G31-1000FT			MF31-930	31-1100CMF						
ATG31-1150			MF31-930	31-1100CMF						
NPN100	KN100		N100	N100DMF	SN100		MFN100	95E41	N100	
N100L	KN100L		N100L	N100CMF	SN100L		MFN100L	95E41L		
N120/MF	KN120		TMN120P	N120MF	SN120	135F51	MFN120	115F51	N120	4922
N150/MF	KN150		TMN150P	N150MF	SN150	160G51	MFN150	145G51	N150	4952
N200/MF	KN200		TMN200P	N200MF	SN200	210H52	MFN200	190H52		
CAT150			MFN150	N150MF	SN120					
CAT200				N200MF	SN200					
			EN RANG	SE (EUROPEA	N TRUCK BAT	TERIES)				
N120EN/MF	KN120EN		EMFN120L	N120MFE			MFDIN120			
N150EN/MF	KN150EN		EMFN150L	N150MFE			MFDIN150	68032		
N200EN/MF	KN200EN		EMFN200L	N200MFE			MFDIN200	73011		
			a and a state of the state of t	DEEP	CYCLE					
DC24			D50Z	ED50	HCM24SMF		DC24	DC24	NS70T	
DC27	KDC27		D70Z	ED70	HCM27SMF		DC27	DC27	N70T	
DC27L	KDC27L				HCM27LSMF		S-4,S//			
DC31			D87L	ED87	HCM31SMF		DC31	DC31	86T	
a condition			1000000	INDUSTRIAL	DEEP CYCLE				NAME OF THE OWNER, THE	
DCN200			D200	DC12V200					N200DC	
			GC2-12V							

## Neuton POVER® PREMUM



## **NEUTON POWER**

RELIABILITY. PERFORMANCE. LIFE. EXTRA POWER



#### Japanese Vehicle Range Sealed Expanded Calcium MF

- Fully sealed maintenance-free
- Superior starting power and reserve capacity
- Up to 36 months warranty

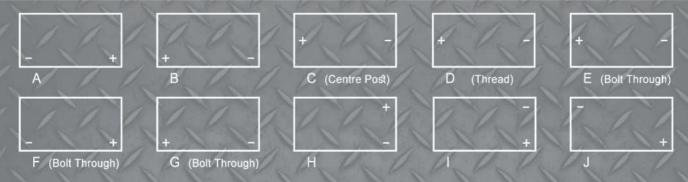




\*6 month warranty for taxis and police vehicles, 12 month warranty for commercial vehicles.

	NEUTON PO	WER	PRO	DUC	T SI	PECI	FICA	ATIO	NS		
NEUTON POWER CODE	CROSS REFERENCE	S	CCA	RC	A/H	L	W	T/H	KG	А	WARRANTY
		PASS	ENGER '	VEHICL	E RANG	GE					
38B19L	NS40ZLMF / S40B20L	330		55	36	187	127	225	9.5	A (s)	36 Months
38B19R	NS40ZMF / S40B20R	330		55	36	187	127	225	9.5	B (s)	36 Months
38B19LS	NS40ZALMF / S40B20LS	330		55	36	187	127	225	9.5	Α	36 Months
38B19RS	NS40ZAMF / S40B20RS	330		55	36	187	127	225	9.5	В	36 Months
46B24L	NS60LMF / S55B24L	450		71	45	237	128	222	11.7	A (s)	24 Months
46B24R	NS60ZMF / S55B24R	450		71	45	237	128	222	11.7	B (s)	24 Months
46B24LS	NS60ZALMF / S55B24LS	450		71	45	237	128	222	11.7	Α	24 Months
46B24RS	NS60ZAMF / S55B24RS	450		71	45	237	128	222	11.7	В	24 Months
55B24R	NS60ZMF / S55B24R	500		78	50	237	128	222	12.8	B (s)	36 Months
55B24RS	NS60ZAMF / S55B24RS	500		78	50	237	128	222	12.8	В	36 Months
55B24L	NS60LMF / S55B24L	500		78	50	237	128	222	12.8	A (s)	36 Months
55B24LS	NS60ZALMF / S55B24LS	500		78	50	237	128	222	12.8	Α	36 Months
MF43	MF41/ MF43	330		54	37	236	133	204	10.4	С	36 Months

ASSEMBLY





### Heavy Vehicle Range

Sealed Expanded Calcium MF

- Superior starting power and reserve capacity
- Fully sealed maintenance-free
- Up to 36 months warranty





\*6 month warranty for taxis and police vehicles, 12 month warranty for commercial vehicles

	NEUTON POWER	R PRO	DUC	CT SI	PECI	FICA	OITA	NS		
NEUTON POWER CODE	CROSS REFERENCES	CCA	RC	A/H	L	W	T/H	KG	Α	WARRANTY
	HEAV	Y DUTY PA	ASSENC	ER RAN	IGE					
85L550	NS50PLMF / 22F530SMF	550	81	60	238	173	203	14.7	Α	24 Months
85DFL550	NS50PLMF / 22F530SMFDF	550	81	60	238	173	203	14.7	F	24 Months
85R550	NS50P / 22FR530SMF	550	81	60	238	173	203	14.7	В	24 Months
85EFR550	NS50PMF / AU22R530SMF	550	81	60	229	172	203	14.7	В	24 Months
85L610	NS50VTMF / 22F600SMF	610	90	64	238	172	203	15.5	Α	36 Months
85DFL610	NS50PLMF / 22F600SMFDF	610	90	64	238	172	203	15.5	F	36 Months
85R610	NS50PMF / 22FR600SMF	610	90	64	238	172	203	15.5	В	36 Months
85EFR610	NS50PMF / AU22FR600SMF	610	90	64	229	172	203	15.5	В	36 Months
55D23LX	MF55D23L / S55D23L	600	94	61	229	175	223	14.8	Α	36 Months
55D23R	MF55D23R / S55D23R	600	94	61	229	171	222	14.8	В	36 Months



#### **Lawn Mower Range** Starting Battery

- Maintenance-free
- Vibration resistant
- Up to 12 months warranty



\*6 month warranty for taxis and police vehicles, 12 month warranty for private use.

NEUTON POWER PRODUCT SPECIFICATIONS												
NEUTON POWER CODE	CROSS REFERENCES	CCA	RC	A/H	L	W	T/H	KG	А	WARRANTY		
LAWN MOWER RANGE												
U1-280	12N24-4 / 12N244WC	280	35	25	197	130	182	8.1	G	12 Months		
U1R-280	12N24-3 / 12N243WC	280	35	25	197	130	182	8.1	F	12 Months		
U1-340	12N24-4 / 12N244WC	340	43	30	197	130	182	8.4	G	12 Months		
U1R-340	12N24-3 / 12N243WC	340	43	30	197	130	182	8.4	F	12 Months		



#### Silver Range

Sealed Expanded Calcium MF

- Fully sealed maintenance-free
- Exceptional starting power and reserve capacity
- Up to 36 months warranty



\*6 month warranty for taxis and police vehicles, 18 month warranty for commercial vehicles.

	NEUTON POWER PRODUCT SPECIFICATIONS													
NEUTON POWER CODE	CROSS REFERENCES	CCA	RC	A/H	L	W	T/H	KG	Α	WARRANTY				
	SIL	VER RANG	E COM	IMERCI.	AL									
85R650S	50MF / 22FR530SMF	650	100	63	238	172	203	15.6	В	36 Months				
85L650S	51MF / 22F530SMF	650	100	63	238	172	203	15.6	Α	36 Months				
55D23LS	MF55D23L / S55D23L	680	98	67	229	175	223	16.7	Α	36 Months				
95D31RS	N70ZZMF / S95D31R	900	150	89	305	171	226	22.5	В	36 Months				
95D31LS	N70ZZLMF / S95D31L	900	150	89	305	171	226	22.5	Α	36 Months				



#### **US Heavy Duty Range**

- Fully sealed maintenance-free
- Exceptional starting power and reserve capacity
- Up to 36 months warranty





	NEUTON POWER PRODUCT SPECIFICATIONS											
NEUTON POWER CODE	CROSS REFERENCES	CCA	RC	A/H	L.	W	T/H	KG	А	WARRANTY		
	U:	S HEAVY	DUTY I	RANGE								
78-700	78-800 / S786MF	700	112	67	260	185	183	15.4	Side	24 Months		
65D	MF65 / 65-875	900	152	87	293	186	190	19.9	В	36 Months		

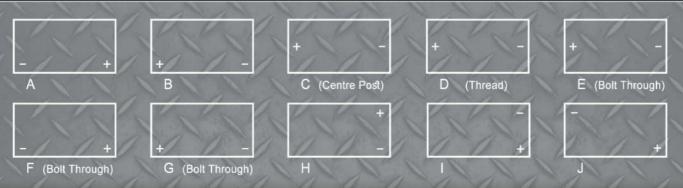


#### **European Vehicle Range** Sealed Expanded Calcium MF

- Maintenance-free
- Superior starting power and recerve capacity
- Up to 36 months warranty



	NEUTON POWER PRODUCT SPECIFICATIONS													
NEUTON POWER CODE	CROSS REFERENCES	CCA	EN	RC	A/H	L	W	Т/Н	KG	А	WARRANTY			
		EURC	PEAN \	/EHICLE	RANG	E								
54317	37AMF / S54519	400	350	68	44	207	175	175	12.2	Α	36 Months			
54437	DIN44LHMF / S55066	400	350	68	44	207	175	190	12.5	Α	36 Months			
55519	N55MF / S55457	520	500	90	55	242	175	175	13.2	Α	36 Months			
55520	N55RRMF / S55458	520	500	90	55	242	175	175	13.2	В	36 Months			
55530	N55HMF / S55559	530	505	90	62	242	175	190	14.5	Α	36 Months			
56318	N66MF / S56318	670	620	106	64	278	175	175	15.7	Α	36 Months			
56319	N66RMF / S56640	670	620	106	64	278	175	175	15.7	В	36 Months			
56638	N66HMF / S56638	700	640	112	67	278	175	190	16.7	Α	36 Months			
56639	N66HRMF / S56640	700	640	112	67	278	175	190	16.7	В	36 Months			
57539	77MF / MF77	700	640	130	77	313	175	175	17.4	Α	36 Months			
58043	77HMF / MF77H	712	645	140	81	315	175	190	19.8	Α	36 Months			
58044	77RHMF / MF77RH	712	645	140	81	315	175	190	19.8	В	36 Months			
58588	N88MF / S58515	780	710	150	85	352	175	175	20	Α	36 Months			
60044	N88HMF/ S58827	880	820	182	100	352	175	190	21	Α	36 Months			
DIN110	DIN100	900	845	201	110	394	175	190	28.5	Α	36 Months			
			ASS	EMBLY	6.									





### Start-Stop Range

EFB / AGM

- Spill-proof design
- Greater cycle life
- Increase fuel efficiency by 5 to 10%
- Highly efficient special micro-porous glass mat separators that absorb electrolytes
- Superior starting power and reserve capacity
- Up to 24 months warranty





					11						
	NEUTON PO	WER	PRO	DUC	CT SI	PECI	FICA	OITA	NS		
NEUTON POWER CODE	CROSS REFERENCES	CCA	EN	RC	A/H	L.	W	T/H	KG	Α	WARRANTY
			STOP A	ND ST	ART						
EFB55D23L	EFB STOP-START VEHICLES	600	540	107	65	229	171	222	18.6	Α	24 Months
EFB80D26L	EFB STOP-START VEHICLES	680	625	127	75	260	172	221	20.9	Α	24 Months
EFB95D31L	EFB STOP-START VEHICLES	750	680	137	90	305	173	225	22.2	Α	24 Months
VRL150	VRL/AGM STOP-START VEHICLES	570	500	80	50	207	175	190	15.3	Α	24 Months
VRL260	VRL/AGM STOP-START VEHICLES	680	590	108	60	242	175	190	18.5	Α	24 Months
VRL370	VRL/AGM STOP-START VEHICLES	760	695	130	70	278	175	190	20.8	Α	24 Months
VRL480	VRL/AGM STOP-START VEHICLES	800	760	158	80	315	175	190	23.2	Α	24 Months
VRL590	VRL/AGM STOP-START VEHICLES	850	790	173	90	353	175	190	26	Α	24 Months
VRL6105	VRL/AGM STOP-START VEHICLES	950	860	190	105	394	175	190	30.5	Α	24 Months
		STOP	AND ST	ART FO	R TRU	CK					
EFBN150EN	EFB STOP-START TRUCKS	1000	940	360	180	510	222	228	43.6	E	18 Months
EFBN200	EFB STOP-START TRUCKS	1050	1000	407	200	515	252	246	53.3	Н	18 Months
EFBN200EN	EFB STOP-START TRUCKS	1100	1040	480	220	516	275	252	58.5	- 1	18 Months
AGM220EN	AGM STOP-START TRUCKS	1000	940	480	220	516	275	237	64	E	18 Months
AGM240EN	AGM STOP-START TRUCKS	1100	1040	530	240	516	275	237	66	L	18 Months
AGM330	AGM STOP-START TRUCKS	1200	1150	740	330	527	280	250	84	Н	18 Months



#### **Commercial Vehicle Range**

Truck - Accessible Cell / Non-Accessible

- Maintenance-free
- · Exceptional durability in extreme conditions
- For long haul applications
- Up to 24 months warranty





\*6 month warranty for taxis and police vehicles, 18 month warranty for commercial vehicles, 24 month for private use only.

NEUTON POWER PRODUCT SPECIFICATIONS												
NEUTON POWER CODE	CROSS REFERENCES	CCA	EN	RC	A/H	L	W	T/H	KG	А	WARRANTY	
		COMM	IERCIAL	VEHIC	LE RAN	IGE						
80D26RX	NS70MF / S80D26R	680		120	71	260	172	221	17.5	В	24 Months	
80D26LX	NS70LMF / S80D26L	680		120	71	260	172	221	17.5	Α	24 Months	
95D31R	N70ZZMF / S95D31R	750		150	85	305	171	226	20.3	В	24 Months	
95D31L	N70ZZLMF / S95D31L	750		150	85	305	171	226	20.3	Α	24 Months	
A95D31R	N70ZZMF / S95D31R	750		150	85	305	171	226	20.3	В	24 Months	
A95D31L	N70ZZLMF / S95D31L	750		150	85	305	171	226	20.3	Α	24 Months	
G31-1000/MF	31MF / S31900MF	1000		182	110	330	174	241	25.7	С	18 Months	
G31-1000T	31MF / S31901MF	1000		182	110	330	174	241	25.7	D	18 Months	
G31-1000FT	31MF / S31900MF	1000		182	110	330	174	241	25.7	Α	18 Months	
CATG31-1150	31MF / S31900MF	1150		203	111	330	174	241	27.5	С	18 Months	
N100/L	N100MF / SN100	750		182	100	409	170	234	25.4	B/A	18 Months	
N120/MF	N120MF / SN120	900		224	140	505	183	240	34.5	Н	18 Months	
N150/MF	N150MF / SN150	1000		292	150	510	212	237	39.8	Н	18 Months	
N200/MF	N200MF / SN200	1200		408	200	509	267	246	50.5	Н	18 Months	
CATN150	N150MF / SN150	1200		326	185	510	212	233	41.8	Н	18 Months	
CATN200	N200MF / SN200	1450		430	248	509	267	242	57.4	Н	18 Months	
N120EN/MF	N120ENMF(Low) / SN120L(Low)	900	845	224	140	505	183	222	33	1	18 Months	
N150EN/MF	N150ENMF / N94** / SN150L(Low)	1000	940	292	150	510	222	220	38.2	1	18 Months	
N200EN/MF	N200ENMF / SN200L	1200	1150	408	200	516	275	241	51.7	1	18 Months	



F (Bolt Through)



G (Bolt Through)



C (Centre Post)





D (Thread)





E (Bolt Through)





#### Marine Range

#### **Dual Posts**

- Maintenance-free
- Vibration resistant
- Heavy duty marine battery
- Up to 18 months warranty



\*6 month warranty for taxis and police vehicles, 12 month warranty for commercial vehicles.

	NEUTON POWER PRODUCT SPECIFICATIONS												
NEUTON POWER CODE CROSS REFERENCES CCA MCA RC A/H L W T/H KG A WARRANT													
			MARIN	IE RAN	ЗE						**		
M24	M50MF / M24SMF630	630	800	120	72	260	172	221	17.9	В	18 Months		
M27	M27 M70MF / M27SMF730 740 900 150 85 305 171 226 19.8 B 18 Months												
M31	86MF / M31	900	1150	224	100	330	174	245	25.9	В	18 Months		



#### **Marine & Recreation Vehicles**

#### **Dual Posts**

- Maintenance-free
- Mininal self-discharge rate
- Improved heat and vibration tolerance for long service life
- Up to 18 months warranty



NEUTON POWER PRODUCT SPECIFICATIONS												
NEUTON POWER CODE CROSS REFERENCES CCA MCA RC A/H L W T/H KG A WARRANTY												
MRV (Dual Posts)												
MRV24	N50MF	640	800	120	80	260	172	221	19.7	В	18 Months	
MRV27/L	MRV27/L N70MF/N70LMF 750 920 150 105 305 171 226 22 B/A 18 Months											
MRV31	31-MF	1000	1200	224	120	330	174	245	26.9	В	18 Months	



## **Deep Cycle Range**For Golf Carts & Scissor Lifts

- Longer cycle life & low self-discharge
- Multi-component alloy for longer life & high reliability
- High-performance separator for high charge efficiency

\*12 month standard warranty. T&C apply.

	NEWTON POWER PRODUCT SPECIFICATIONS												
NEUTON POWER CODE	CROSS REFERENCES	20 Hr Rate	L.	W	T/H	KG	А	WARRANTY					
DEEP CYCLE 6 VOLT													
N-105	T-105 / CR220 / 6V	225	260	182	280	27.5	J	12 Months					
		DEEP CYCLE 8	VOLT										
N-875	T-875 / CR165 / 8V	170	260	183	276	29	В	12 Months					
DEEP CYCLE 12 VOLT													
N-1275	T1275/GC-12V / 12V	150	330	182	283	36.5	В	12 Months					



## **Deep Cycle Range**Deep Cycle Flooded Battery

- Maintenance-free/Accessible cell
- Deep Cycle discharge applications
- Up to 12 months warranty



\*6 month warranty for taxis and police vehicles, 12 month warranty for private use.

	NEUTON POWER PRODUCT SPECIFICATIONS												
NEUTON POWER CODE	CROSS REFERENCES	RC	A/H	L	W	T/H	KG	А	WARRANTY				
DEEP CYCLE RANGE													
DC24	D50Z	145	80	260	172	225	20.6	В	12 Months				
DC27/L	D70Z/D70ZL	170	105	305	171	226	23.1	B/A	12 Months				
DC31	D87L	213	120	330	174	245	27.2	В	12 Months				
DCN200	D200	430	210	509	267	246	55.3	1	12 Months				

## NEUTON POWER INDUSTRIAL RANGE



### **Industrial Standby Battery**

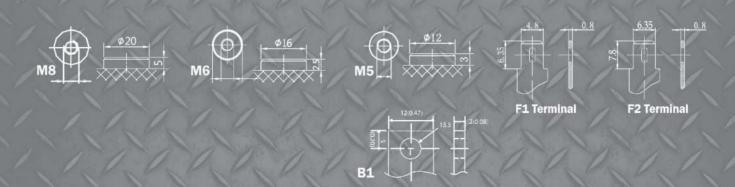
AGM Battery

- Maintenance Free
- 5 Years / 8 Years Design Life
- General Purpose
- Up to 12 months warranty



\*12 months standard warranty. T&C apply.

	Value - white - November 1911	W-Marin Marin		www.	recoverable.	- 1100-110								
	NEUTON POW	/ER P	RODUCT	SPE	CIFIC	CATIC	SNC							
NEUTON POWER CODE	CROSS REFERENCES	٧	AH/20HRS	L	W	T/H	KG	T	WARRANTY					
	AGM BATTERY 5 YEARS DESIGN LIFE													
NP1213	12V 1.2AH	12	1.3	97.5	43	53	0.56	F1	12 Months					
NP1250	12V 5AH	12	5	90	70	101	1.45	F1	12 Months					
NP1270	12V 7AH	12	7	152	65	100	2.05	F1	12 Months					
NP12120	12V 12AH	12	12	151	98.5	101	3.45	F2	12 Months					
NP12170	12V 17AH	12	17	181	77	167	5	M5/B1	12 Months					
NP12260	12V 26AH	12	26	176	167	125	7.7	M5	12 Months					
	AGI	М ВАТТЕ	RY 8 YEARS DE	SIGN LI	FE									
NP12330	12V 33AH	12	33	195	130	167	10	M6	12 Months					
NP12400	12V 40AH	12	40	197	165	170	13.2	M6	12 Months					
NP12750	12V 75AH	12	75	260	168	213.5	22.3	M6	12 Months					
NP12900	12V 90AH	12	90	307	168	214	26	M6	12 Months					
NP121000	12V 100AH	12	100	330	172	221.5	29.5	M8	12 Months					
NP121200	12V 120AH	12	120	406	173	236	36	M8	12 Months					
NP121500	12V 150AH	12	150	486	170	243	43	M8	12 Months					
NP122000	12V 200AH	12	200	523	240	245	57.9	M8	12 Months					



## NEUTON POWER INDUSTRIAL RANGE



#### **Deep Cycle Range** VRLA AGM DEEP CYCLE Battery

- Cycle rates 800 at 70% DOD
- Long Life Span
- Heavy Duty
- Up to 12 months warranty

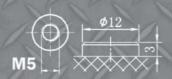


\*12 months standard warranty. T&C apply.

	NEUTON POWER PRODUCT SPECIFICATIONS													
	NEUTON POWER	TPRO	וטטענ	SPE	CIF	ICAT	IUN	<u> </u>						
NEUTON POWER CODE	CROSS REFERENCES	V	AH/20HR	L	W	T/H	KG	T	WARRANTY					
	VRLA AGM DEEP CYCLE													
NPD62250	DC200-6A	6	225	260	180	252	30.0	M8	12 Months					
NPD62450		6	245	260	180	274	34.0	M8	12 Months					
NPD12150 DC12-12 12 15 151 99 103 4.0 T2 12 Months														
NPD12250	NPD12250 DC17-12 12 25 182 77 170 6.5 M5 12 Months													
NPD12400	DC35-12	12	40	195	130	162	11.1	M5	12 Months					
NPD12500	DC40-12	12	50	198.5	166	169.5	13.9	M6	12 Months					
NPD12600	DC55-12	12	60	229	139	216	16.5	M6	12 Months					
NPD12950	DC85-12	12	95	260	168	215	26.0	M6	12 Months					
NPD121050	DC105-12	12	105	306.5	168	211.5	28.0	M6	12 Months					
NPD121250	DC120-12	12	125	330	171	214	34.0	M8	12 Months					
NPD121700	DC135-12	12	170	339	172	282	45.0	M8	12 Months					
NPD121900	DC150-12	12	190	480	170	236	52.0	M8	12 Months					
NPD122300	DC200-12	12	230	532	207	218	58.8	M8	12 Months					
NPD122700	DC260-12	12	270	520	268	225	75.0	M8	12 Months					
		AS	SEMBLY											









## NEUTON POWER INDUSTRIAL RANGE



#### **Deep Cycle Classic Range** VRLA AGM DEEP CYCLE Battery

- Cycle rates 800 at 70% DOD
- Long Life Span
- Heavy Duty
- Up to 12 months warranty



NEUTON POWER PRODUCT SPECIFICATIONS												
	NEUTON POWER	R PR	DUUCI	SPE	:CIF	CAI	ION	S				
NEUTON POWER CODE	CROSS REFERENCES	٧	AH/20HR	L	W	T/H	KG	T	WARRANTY			
DEEP CYCLE CLASSIC RANGE												
NPDC62350	DC225-6	12	235	243	188	275	32.0	M8	12 Months			
NPDC63300DT	DC335-6	6	330	295	178	368	47.0	DT	12 Months			
NPDC64200DT	DC400-6	6	420	295	179	424	59.0	DT	12 Months			
NPDC81800	DC180-8	8	180	260	180	280	33.5	M8	12 Months			
NPDC12220	DC17-12	12	22	181	77	167	5.8	M5	12 Months			
NPDC12260	DC24-12	12	26	167	176	125	7.7	M5	12 Months			
NPDC12350	DC35-12	12	35	195	130	167	10.0	M6	12 Months			
NPDC12450	DC40-12	12	45	197	165	170	15.0	M6	12 Months			
NPDC12550	DC55-12	12	55	229	138	211	16.5	M6	12 Months			
NPDC12900	DC90-12	12	90	258	168	214	26.0	M6	12 Months			
NPDC121000	DC100-12	12	100	307	168	214	28.5	M8	12 Months			
NPDC121050	DC100-12	12	105	307	168	214	29.4	M8	12 Months			
NPDC121200	DC120-12	12	120	330	171	219	32.0	M8	12 Months			
NPDC121250	DC120-12	12	125	330	171	219	33.2	M8	12 Months			

## NEUTON POWER SOLAR RANGE



48 Volts FCP-500 System module

## FCP Lead Carbon Battery AGM VRLA Battery with Deep Cycle

- Advanced Japanese Super Long Life Technology
- More than 4200 Cycles @70% DOD
- Partial State of Charge Benefit
- Unit Structure and Multiple Superimposed
   Loading Allowed
- Excellent Consistency and Reliability
- Compact Structure and Easy Installation

#### Introduction of

Japanese Furukawa battery company

Advanced Lead Carbon Technology!

#### **Module Technical Parameters**

- FCP-500
- FCP-1000





NEI	JTON POWER PRO	DUC.	T SPE	CIFI	CATI	ONS						
NEUTON POWER CODE	CROSS REFERENCES	V	L	W	T/H	KG	WARRANTY					
2V LEAD CARBON RANGE												
FCP 500	2V 500AH	2	508	172	166	41	5 Years					
FCP 1000	2V 1000AH	2	508	172	303	75	5 Years					
	FCP	RACK										
FCP 500 Racking	2V 500AH Racking		1205	515	530							
FCP 1000 Racking	2V 1000AH Racking		1215	553	804							

# NEUTON POWER SOLAR RANGE



#### **OPzV Series**

Valve Regulated Sealed Gel Battery

- German tubular pure gel technology
- Long Life according to EUROBAT Classification
- Up to 1500 deep discharge cycles
- High discharge performance
- High gas recombination efficiency
- Maximum charge efficiency
- Gel state electrolyte prevents leakage and layering
- Easy installation vertical or horizontal
- 3+2 years warranty

Practice shows that OPzV battery has superior service life and reliability, good cycling performance and charge acceptance ability, can be used in high-low temperature environment, poor power condition and pure cycle use solar energy, wind energy of various types of communication base stations.

\*first 36 months full replacement, last 24 months pro-rata from the invoice date of the goods.

#### NEUTON POWER PRODUCT SPECIFICATIONS **NEUTON POWER CODE CROSS REFERENCES** W T/H KG WARRANTY **OPzV RANGE** 6 OPzV 420 2V 420AH 2 145 206 471 33.5 3+2 Years 7 OPzV 490 2V 490AH 2 166 206 471 38 3+2 Years 6 OPzV 600 2V 600AH 2 145 206 646 46.5 3+2 Years 8 OPzV 800 2V 800AH 191 210 646 62 3+2 Years 2 10 OPzV 1000 2V 1000AH 233 210 646 77 3+2 Years 12 OPzV 1200 2V 1200AH 2 275 210 646 91.5 3+2 Years 12 OPzV 1500 210 112.5 2V 1500AH 2 340 646 3+2 Years 16 OPzV 2000 2V 2000AH 2 399 212 772 153 3+2 Years 772 12 OPzV 2500 212 112.5 2V 2500AH 487 3+2 Years 16 OPzV 3000 2V 3000AH 2 576 212 772 153 3+2 Years

# NEUTON POWER SOLAR RANGE



#### **DCS Series**

Deep Cycle Battery

- Very long life according to EUROBAT
   Classification
- More than 3000 cycles at 70% DOD
- Special negative active material formula
- Improve the charge acceptance ability
- Compact structure
- Easy installation
- Convenient maintenance
- 2+2 years warranty





NLC series deep cycle battery is made of special high-tin corrosion-resistant alloy, It has optimized positive grid structure design and special negative active material improving charge acceptance ability and reducing negative plate sulphation. It is optimal battery for a wide range of household energy storage systems and suitable for partial state of charge (PSOC) applications.

\*first 24 months full replacement, last 24 months pro-rata from the invoice date of the goods.

#### NEUTON POWER PRODUCT SPECIFICATIONS T/H KG **NEUTON POWER CODE CROSS REFERENCES WARRANTY** LEAD CARBON RESIDENTIAL STORAGE SYSTEM WITH CABINET DCS 12-50 12V 50AH 12 350 165.5 175 25.5 2+2 Years DCS 12-100 12V 100AH 12 345 172 275 45 2+2 Years



## **Neuton Power Lithium**

**FOR BETTER POWER** 

## NEUTON POWER LITHIUM



#### 12.8V LFP - Bluetooth (BT) Series LiFePO4 Rechargeable Battery

- >3500 cycles at 1C 80% DOD
- Integrated built-in BMS with multiple protections
- Bluetooth connection for iOS and Android system

Note: 5 years or 3000 cycles warranty, whichever comes first. Please always refer to our datasheet and warranty statement for more information.



NEU <sup>*</sup>	NEUTON POWER LITHIUM PRODUCT SPECIFICATIONS												
ITEM CODE CAPACITY L W T/H KG TERMINAL													
	NEUTON POWER LITHIUM BT SERIES												
NPL12-100/BT	12V100Ah	306	168	215	13.2	M8							
NPL12-100FT/BT 12V100Ah 508 110 236 13.9 M8													



#### 12.8V LFP - Slimline (SL) Series LiFePO4 Rechargeable Battery

- Metal case with built-in LCD power voltage indicator
- Approx 4000 cycles at 80% DOD
- Ideal battery for limited space
- Max 200A continuous discharge current
- Built-in BMS for safety protection



Note: 5 years standard warranty. Please always refer to our datasheet and warranty statement for more information.

NEU'	NEUTON POWER LITHIUM PRODUCT SPECIFICATIONS												
ITEM CODE CAPACITY L W T/H KG TERMINAL													
	NEUTON POV	/ER LITHIU	M SLIMLINE	SERIES		1							
NPL12-100SL	12V100Ah	600	270	65	15	Anderson 175 *2							
NPL12-200SL	12V200Ah	850	275	70	28	Anderson 175 *2							





RELIABILITY. PERFORMANCE. LIFE. EXTRA POWER



### Passenger Vehicle Range

Punched Positive and Expanded Negative Plate

- Fully sealed maintenance-free
- Superior starting power and reserve capacity
- Up to 24 months warranty

NEUTON POWER K PRODUCT SPECIFICATIONS												
NPK CODE	CROSS REFERENCES	CCA	RC	A/H	L	W	T/H	KG	Α	WARRANTY		
	PAS	SENGER	VEHIC	LE RAN	GE							
K38B19L	NS40ZLMF / S40B20L	340	55	38	187	127	222	9.2	A (s)	24 Months		
K38B19R	NS40ZMF / S40B20R	340	55	38	187	127	222	9.2	B (s)	24 Months		
K38B19FL	NS40ZLMF / S40B20L	340	55	38	187	127	222	9.2	A (s)	24 Months		
K38B19LS	NS40ZALMF / S40B20LS	340	55	38	187	127	222	9.3	Α	24 Months		
K38B19RS	NS40ZAMF / S40B20RS	340	55	38	187	127	222	9.3	В	24 Months		
K46B24L	NS60LMF / S55B24L	430	71	45	235	127	222	11.7	A (s)	24 Months		
K46B24R	NS60ZMF / S55B24R	430	71	45	235	127	222	11.7	B (s)	24 Months		
K46B24LS	NS60ZALMF / S55B24LS	430	71	45	235	127	222	11.8	Α	24 Months		
K46B24RS	NS60ZAMF / S55B24RS	430	71	45	235	127	222	11.8	В	24 Months		
K50D20L	50D20L	450	80	50	200	172	220	12.8	Α	24 Months		
K50D20R	50D20R	450	80	50	200	172	220	12.8	В	24 Months		
**Suitable for most applications. (s) = Standard Posts.												
NPKS CODE	CROSS REFERENCES	CCA	RC	A/H	L	W	T/H	KG	Α	WARRANTY		
	PASS	SENGER \	/EHICL	E S RAN	NGE							
KS46B24L	NS60LMF / S55B24L	440	75	45	236	128	220	11.4	A (s)	24 Months		
KS46B24R	NS60ZMF / S55B24R	440	75	45	236	128	220	11.4	B (s)	24 Months		
KS55D23LX	MF55D23L / S55D23L	550	110	65	230	172	220	14.6	Α	24 Months		
		ASS	EMBL'	1								
1 1 1		7/1	1	3/1	1	7	1	1	1	1 1		
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	+ - +	11		12				2 2		1.1.		
A	В	C (C	entre P	ost)		) (Th	read)		Ε (	Bolt Through)		
1000			MAN	+	1	NE	1	1	-	1		
1 1		11		1	1			22	100			
x -1/2 //	+ + + -	1/8	118	1	01/	x V	1	360	1	11 14		
F (Bolt Thro	G (Bolt Through)	H	38 3	1		1	11					



### Heavy Duty Passenger Range

Punched Positive and Expanded Negative Plate

- Fully sealed maintenance-free
- Superior starting power and reserve capacity
- Up to 24 months warranty





	NEUTON POWER	K PR	ODL	JCT S	SPEC	CIFIC	ATIO	SNC				
NPK CODE	CROSS REFERENCES	CCA	RC	A/H	L	W	T/H	KG	А	WARRANTY		
	HEAV^	DUTY P	ASSEN	GER RA	NGE							
K85L450	NS50PLMF / 22F530SMF	450	75	45	231	172	200	12.6	Α	12 Months		
K85R450	NS50P / 22FR530SMF	450	75	45	231	172	200	12.6	В	12 Months		
K85L550	NS50PLMF / 22F530SMF	550	95	55	231	172	200	13.5	Α	24 Months		
K85DFL550	NS50PLMF / 22F530SMFDF	550	95	55	240	172	203	13.6	F	24 Months		
K85R550	NS50P / 22FR530SMF	550	95	55	231	172	200	13.5	В	24 Months		
K85EFR550	NS50PMF / AU22R530SMF	550	95	55	231	172	200	13.5	В	24 Months		
K55D23LX	MF55D23L / S55D23L	550	100	60	231	172	220	14.9	Α	24 Months		
K55D23R	MF55D23R / S55D23R	550	100	60	231	172	220	14.9	В	24 Months		
NEUTON POWER K PRODUCT SPECIFICATIONS												
NPK CODE	CROSS REFERENCES	CCA	RC	A/H	L	W	T/H	KG	А	WARRANTY		
	ι	JS HEAVY	DUTY	RANGE								
K78-670	78-800 / S786MF	670	120	70	260	179	181	16.2	Side	24 Months		
K65D	MF65 / 65-875	750	140	80	287	187	192	18	В	24 Months		
		ASS	SEMBL'	Y								
1 1 1	111111	1/1	11	1	1	2.	1	11	11	11 1		
100	1 1 1 1 1	1						1				
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A	В	C (C	entre P	ost)		D (Th	read)		E	(Bolt Through)		
	11111	11	1	1	1	1		1	1			
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-1 1	+1 1 1 1	11		11/	1			4	1	1 4		
F (Bolt Throu	ugh) G (Bolt Through)	H	Sec. of	1000	1 :	N	16			1000		



#### **Commercial Vehicle Range**

Punched Positive and Expanded Negative Plate with Epoxy Glue

- Maintenance-free
- For long haul applications
- Exceptional durability in extreme conditions

• Up to 24 months warranty





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NEUTON POWER K PRODUCT SPECIFICATIONS												
NPK CODE	CROSS REFERENCES	CCA	EN	RC	A/H	L	W	T/H	KG	А	WARRANTY	
COMMERCIAL VEHICLE RANGE												
K80D26RX	NS70MF / S80D26R	600		120	70	258	172	220	16.8	В	24 Months	
K80D26LX	NS70LMF / S80D26L	600		120	70	258	172	220	16.8	Α	24 Months	
K80D31R	N70ZMF / S80D31R	600		120	70	303	172	220	18.3	В	12 Months	
K80D31L	N70ZLMF / S80D31L	600		120	70	303	172	220	18.3	Α	12 Months	
K95D31R	N70ZZMF / S95D31R	670		140	80	303	172	220	19.4	В	24 Months	
K95D31L	N70ZZLMF / S95D31L	670		140	80	303	172	220	19.4	Α	24 Months	
K105D31R	N70ZZMF / S95D31R	750		160	90	303	172	220	20.5	В	24 Months	
K105D31L	N70ZZLMF / S95D31L	750		160	90	303	172	220	20.5	Α	24 Months	
KG31-1000	31MF / S31900MF	1000		190	110	330	172	240	25.6	С	12 Months	
KG31-1000T	31MF / S31900MF	1000		190	110	330	172	240	25.6	D	12 Months	
KN100/L	N100MF / SN100	830		180	100	408	172	230	25.1	B/A	12 Months	
KN120	N120MF / SN120	870		230	120	506	182	233	33.4	Н	12 Months	
KN150	N150MF / SN150	1000		300	150	506	215	233	39.2	Н	12 Months	
KN200	N200MF / SN200	1200		430	200	509	274	240	51.7	Н	12 Months	
KN120EN	N120EN(Low) / SN120L(Low)	900	800	260	145	514	189	215	35	1	12 Months	
KN150EN	N150EN / N94 / SN150L(Low)	1000	900	320	160	514	223	215	42.2	1	12 Months	
KN200EN	N200ENMF / SN200L	1250	1150	430	210	518	273	235	55.3	1	12 Months	
		D	EEP CY	CLE R	ANGE							
KDC27/L	DC70 / 70L			180	105	303	172	221	22.9	B/A	12 Months	
				1000000			1000000		ASSESSMENT OF THE PARTY OF THE		The second secon	



#### European Vehicle Range

Punched Positive & Expanded Negative Plate

- Superior starting power & reserve capacity
- Up to 24 months warranty



\*6 month warranty for taxis and police vehicles, 12 month warranty for commercial vehicles.

										_		
NEUTON POWER K PRODUCT SPECIFICATIONS												
NPK CODE	CROSS REFERENCES	CCA	EN	RC	A/H	L	W	T/H	KG	Α	WARRANTY	
EUROPEAN VEHICLE RANGE												
K54317	37AMF / S54519	360	330	60	35	207	173	175	10.6	Α	24 Months	
K54437	DIN44LHMF / S55066	410	390	71	44	207	173	190	11.9	Α	24 Months	
K55519	N55MF / S55457	500	480	90	54	242	173	175	13.5	Α	24 Months	
K55520	N55RRMF / S55458	500	480	90	54	242	173	175	13.5	В	24 Months	
K55530	N55HMF / S55559	500	480	90	55	242	173	190	14.1	Α	24 Months	
K56318	N66MF / S56318	670	640	120	71	276	173	175	16.3	Α	24 Months	
K56319	N66RMF / S56640	670	640	120	71	276	173	175	16.3	В	24 Months	
K56638	N66HMF / S56638	700	680	130	74	276	173	190	17.6	Α	24 Months	
K56639	N66HRMF / S56640	700	680	130	74	276	173	190	17.6	В	24 Months	
K57539	77MF / MF77	750	720	140	80	315	173	175	18.3	Α	24 Months	
K58043	77HMF / MF77H	750	720	160	90	315	173	190	20	Α	24 Months	
K58044	77RHMF / MF77RH	750	720	160	90	315	173	190	20	В	24 Months	
K58588	N88MF / S58515	780	740	160	90	351	173	175	20.2	Α	24 Months	
K60044	N88HMF/ S58827	870	850	180	100	351	173	190	22.9	Α	24 Months	



#### Lawn & Garden Range

Punched Positive & Expanded Negative Plate

- Maintenance-free
- Up to 12 months warranty



NEUTON POWER K PRODUCT SPECIFICATIONS											
LAWN & GARDEN RANGE											
NPK CODE	CROSS REFERENCES	CCA	EN	RC	A/H	L	W	T/H	KG	Α	WARRANTY
KU1-250	12N24-4 / 12N244WC	250	0	25	19	195	130	183	7.5	G	12 Months
KU1R-250	12N24-3 / 12N243WC	250	0	25	19	195	130	183	7.5	F	12 Months
KU1-350	12N24-4 / 12N244WC	350	0	38	27	195	130	183	8.4	G	12 Months
KU1R-350	12N24-3 / 12N243WC	350	0	38	27	195	130	183	8.4	F	12 Months



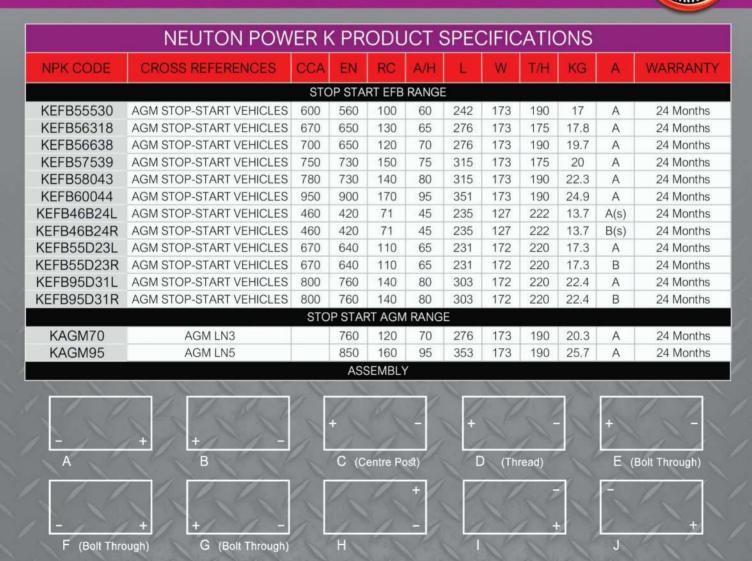
#### Start-Stop Range

Punched Grid, Enhanced Flood Batteries (EFB)

- High density plate for better corrosion resistance
- Superior starting power and reserve capacity

Punched Grid, Absorbent Glass Mat (AGM)

- Special micro-porous glass mat separators that absorb electrolytes
- Spill-proof design & Greater cycle life





#### Marine & Recreation Vehicles

Punched Positive and Expanded Negative plate, Dual Posts

- Maintenance-free
- Mininal self-discharge rate
- Improved heat and vibration tolerance for long service life

\*6 month warranty for taxis and police vehicles, 12 month warranty for commercial vehicles.

NEUTON POWER K PRODUCT SPECIFICATIONS											
NPK CODE	CROSS REFERENCES	CCA	МСА	RC	A/H	L	W	T/H	KG	Α	WARRANTY
MRV											
KMRV24	N50MF	650	810	145	80	258	172	221	19.2	В	18 Months
KMRV27/L	N70MF	750	920	170	90	303	172	221	22.1	B/A	18 Months
KMRV31	31-MF	800	1000	195	105	330	172	238	25.3	В	18 Months



#### Marine Range

Punched Positive and Expanded Negative plate, Dual Posts

- Maintenance-free
- Vibration resistant
- Heavy duty marine battery



NEUTON POWER K PRODUCT SPECIFICATIONS											
NPK CODE	CROSS REFERENCES	CCA	MCA	RC	A/H	L	W	T/H	KG	Α	WARRANTY
MARINE RANGE											
KM24	M50MF / M24SMF630	650	810	130	75	258	172	221	17.7	В	18 Months
KM27/L	M70MF / M27SMF730	750	920	160	90	303	172	221	20.9	B/A	18 Months
KM31	86MF / M31	900	1120	185	105	330	172	238	25	В	18 Months

# **NEUTON POWER K**



## Silver Series

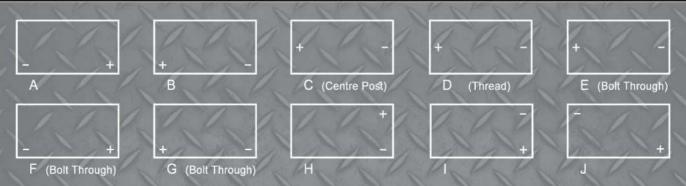
Punched Positive and Expanded Negative plate

- Unique Grid Surface Design
- Micro 4BS Crystal Structure of Active Materials
- Micro Fiber & Special Tissue
- Up to 36 months warranty



\*6 month warranty for taxis and police vehicles, 18 month warranty for commercial vehicles.

	NEUTON POWER K PRODUCT SPECIFICATIONS											
NPK CODE	CROSS REFERENCES	CCA	MCA	RC	A/H	L	W	T/H	KG	Α	WARRANTY	
SILVER SERIES												
K55B24LS-S	NS60ZALMF / S55B24LS	490		80	50	235	127	222	12.1	Α	36 months	
K85L620S	NS50PLMF / 22F530SMF	620		110	65	231	172	200	14.3	Α	36 months	
K85R620S	NS50P / 22FR530SMF	620		110	65	231	172	200	14.3	В	36 months	
K55D23LS	MF55D23L / S55D23L	650		125	72	231	172	220	16.2	Α	36 months	
K55D23RS	MF55D23R / S55D23R	650		125	72	231	172	220	16.2	В	36 months	
K55519S	N55MF / S55457	620	560	105	60	242	173	175	14.2	Α	36 months	
K55530S	N55HMF / S55559	650	570	120	70	242	173	190	15.9	Α	36 months	
K56318S	N66MF / S56318	750	720	125	72	276	173	175	16.7	Α	36 months	
K56638S	N66HMF / S56638	800	760	160	85	276	173	190	18.6	Α	36 months	
K58043S	77HMF / MF77H	820	780	170	95	315	173	190	20.5	Α	36 months	
K58044S	77RHMF / MF77RH	820	780	170	95	315	173	190	20.5	В	36 months	
K60044S	N88HMF/ S58827	950	900	185	105	351	173	190	23.3	Α	36 months	
K80D26RS	NS70MF / S80D26R	750		140	80	258	172	220	18.3	В	36 months	
K80D26LS	NS70LMF / S80D26L	750		140	80	258	172	220	18.3	Α	36 months	
K95D31RS	N70ZZMF / S95D31R	900		180	100	303	172	220	22	В	36 months	
K95D31LS	N70ZZLMF / S95D31L	900		180	100	303	172	220	22	Α	36 months	







# **VISION BATTERY**

INTELLIGENT ENERGY STORAGE TO SERVE THE WORLD





## **CP Series**

## AGM Battery

- Stable quality and high reliability
- Sealed construction
- Environmentally friendly
- Maintenance free operation
- Low Pressure Venting System
- Heavy Duty Grid
- Low-self Discharge
- 12 months warranty



	VISION PRODUCT SPECIFICATIONS											
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY					
	CP GENERAL PURPOSE											
CP6120	6V 12AH	151	50	100	1.85	F1	12 Months					
CP1212	12V 1.2AH	97	43	58	0.53	F1	12 Months					
CP1223	12V 2.3AH	178	35	67	0.99	F1	12 Months					
CP1229	12V 2.9AH	79	55.5	104	1.05	F1	12 Months					
CP1270EB	12V 7AH	151	65	100	2.32	F1	12 Months					
CP12120	12V 12AH	151	98	101	3.67	F2	12 Months					
	ASSEMBLY											







## **FM Series**

## General Purpose Application

- High reliability and good quality
- Lower internal resistance
- High power density
- Long service list, in float and cyclic
- International standard, JIS and DIN
- 10 years design life

YEARS MARRANIT

	VISION P	RODUC	T SPEC	IFICAT	IONS					
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY			
		FM GENER	RAL PURPOS	E						
6FM17-X	12V 17AH	181	77	167	5.5	M5	3 Years			
6FM33-X	12V 33AH	195	130	168	11	M6	3 Years			
6FM40-X	12V 40AH	197.5	165.5	170	14.7	M6	3 Years			
6FM55-X	12V 55AH	239	132	210	17.3	M6	3 Years			
6FM65-X	12V 65AH	350	167	179	23.4	M6	3 Years			
6FM75-X	12V 75AH	258	166	215	22.5	M6	3 Years			
6FM90T-X	12V 90AH	306	169	215	29	M6	3 Years			
6FM120S-X	12V 120AH	330	171	222	32.5	M6	3 Years			
6FM134-X	12V 134AH	342	172	287	40	M8	3 Years			
6FM150-X	12V 150AH	482	170	240	48.4	M8	3 Years			
6FM200-X	12V 200AH	522	238	223	65	M8	3 Years			
6FM230-X	12V 230AH	520	269	208	72.6	M8	3 Years			
6FM250Z-X	12V 250AH	520	269	227	74	M8	3 Years			
3FM225-X	6V 225AH	320	176	230	30.5	M8	3 Years			
FM HTB HIGH TEMPERATURE SERIES										
6FM33X-HTB	12V 33AH	195	130	168	11	M6	3 Years			
		ASS	SEMBLY							











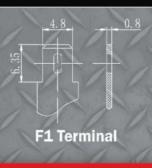
## **Deep Cycle Series**

## AGM Battery

- Ultra-long discharge cycle
- Used for power backup and energy storage
- Deep discharge recovery
- High power density
- High heat capacity
- International standard, JIS and DIN
- 12 months warranty

This series is designed for cyclic use. Batteries of this series are made of special alloy and paste of lead, and allow for deep discharge cycles. With a lean design, the batteries are sealed, maintenance-free, and can be installed in any direction.

	VISION PF	RODUC	T SPEC	IFICAT	IONS		
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY
		FM DE	EP CYCLE				
6FM33D-X	12V 33AH (C20 rate)	195	130	168	11	M6	12 Months
6FM45D-X	12V 45AH (C20 rate)	197.5	165.5	170	14.6	M6	12 Months
6FM55D-X	12V 55AH (C20 rate)	239	132	210	17.3	M6	12 Months
6FM75D-X	12V 75AH (C20 rate)	258	166	215	23.5	M6	12 Months
6FM80D-X	12V 75.6AH (C20 rate)	350	167	179	22.5	M6	12 Months
6FM90D-X	12V 90AH (C20 rate)	306	169	215	29	M6	12 Months
6FM120SD-X	12V 120AH (C20 rate)	330	171	222	32.5	M8	12 Months
6FM150D-X	12V 150AH (C20 rate)	485	172	240	47	M8	12 Months
6FM200D-X	12V 200AH (C20 rate)	522	238	223	65	M8	12 Months
6FM260D-X	12V 260AH (C20 rate)	520	269	227	74	M8	12 Months











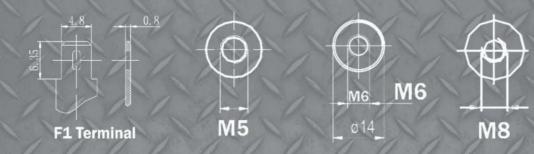
## **HF Series**

## High Rate Discharge

- High reliability and good quality
- Environmentally friendly
- Deep discharge recovery
- High power density
- Long service list, in float and cyclic
- International standard, JIS and DIN
- Lead-tin-calcium allow grids for long service life

\*3 years warranty for HF series. Please refer to our warranty statement. T&C apply.

	VISION PF	RODUC	T SPEC	IFICAT	IONS		
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY
		HF HI	GH RATE				
HF12-135W-X	12V 24AH	166	175	125	8.6	M6	3 Years
HF12-155W-X	12V 28AH	165	125	175	9.6	M6	3 Years
HF12-211W-X	12V 45AH	197	165	170	14.8	M6	3 Years
HF12-370W-X	12V 80AH	350	167	179	26.2	M6	3 Years
HF12-560W-X	12V 120AH	410	176	224	37.7	M8	3 Years
HF12-890W-X	12V 200AH	522	238	223	67	M8	3 Years
HF12-1010W-X	12V 210AH	522	238	223	67	M8	3 Years
		ASS	SEMBLY				





## **HFS Series**

## Extreme High Rate

- Environmentally friendly
- Lower internal resistance
- Positive and negative plates in leadcalcium tin alloy
- Superior energy density and very high power output
- Operates at a low internal pressure
- Gas recombination
- A recognised component of UL
- Design life: 12 years
- Up to 3 years warranty



		77	30 3 - 1		30	10 - 10 -	11 11				
	VISION PF	RODUC	T SPEC	IFICAT	IONS						
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY				
HFS EXTREME HIGH RATE											
HFS12-115W-X	12V 26AH	165	125	175	9.6	M5	3 Years				
HFS12-150W-X	12V 33AH	195	130	168	11.5	M6	3 Years				
HFS12-200W-X	12V 55AH	229	138	213	17	M6	3 Years				
HFS12-320W-X	12V 75AH	258	166	215	24.5	M6	3 Years				
HFS12-400W-X	12V 90AH	306	170	225	29.2	M8	3 Years				
HFS12-420W-X	12V 100AH	339	173	220	31.5	M8	3 Years				
HFS12-450W-X	12V 120AH	410	176	224	36.5	M8	3 Years				
HFS12-540W-X	12V 140AH	341	173	283	41	M8	3 Years				
HFS12-560W-X	12V 150AH	482	170	240	45	M8	3 Years				
HFS12-710W-X	12V 192AH	530	209	220	57	M8	3 Years				
HFS12-820W-X	12V 220AH	522	238	223	67.5	M8	3 Years				
HFS12-850W-X	12V 220AH	526	238	246	69	M8	3 Years				



## CT Series

## Front Terminal Battery

- Environmentally friendly
- Centralized venting system for gas ventilation
- Plastics or rope handles for handling and installation convenience
- Front access terminals for easy and quick connection
- 10 years design life for HTB Series
- 15 years design life CT Front Terminal
- 3 years warranty

The CT series are valve-regulated batteries, designed for the telecommunication industry. With terminals at the front, these batteries are easy to install and maintained. Dimensions of the terminals fit in a 19-inch standard power cabinet.

	VISION PF	RODUC	T SPEC	IFICAT	IONS		
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY
		CT FRON	T TERMINAL	.S			
CT12-50X	12V 50AH	277	106	243	17.3	M6	3 Years
CT12-80X	12V 80AH	564	115	189	28.2	M6	3 Years
CT12-100X	12V 100AH	508	110	238	32.5	M6	3 Years
CT12-105X	12V 105AH	395	110	293	35	M8	3 Years
CT12-125X	12V 125AH	436	108	317	40	M8	3 Years
CT12-150X	12V 150AH	548	105	316	48.8	M8	3 Years
CT12-180X	12V 180AH	546	125	323	58.5	M8	3 Years
CT12-200D-X	12V 200AH	550	125	315	60.5	M8	3 Years
	HTI	B HIGH TEM	PERATURE S	SERIES			
CT12-100X-HTB FR	12V 100AH	506	110	227	32.5	M8	3 Years
CT12-150X-HTB FR	12V 150AH	552	110	295	48.8	M8	3 Years
CT12-180X-HTB FR	12V 180AH	558	125	317	58.5	M8	3 Years



## **CL Series**

## 2V Long Service Life Battery

- Maintenance free
- Longer life (Designed to last 20 years)
- High safety, special low impedance, and strong charge acceptance
- Excellent tightness
- Extremely low self-discharge
- Installable in any direction, facilitating safe transportation

	W. SALES AND A STATE OF THE SALE OF THE SA						
	VISION P	RODUC'	T SPEC	CIFICAT	IONS		
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY
		CL PREM	IIUM SERIES	3			
CL100	2V 100AH	171	72	211	6.4	M8	5 Years
CL150	2V 150AH	172	102	217	8.2	M8	5 Years
CL200	2V 200AH	173	111	364	14.2	M8	5 Years
CL300	2V 300AH	171	151	364	20	M8	5 Years
CL400	2V 400AH	210	176	367	28	M8	5 Years
CL500	2V 500AH	242	173	365	33	M8	5 Years
CL600	2V 600AH	302	175	367	40	M8	5 Years
CL800	2V 800AH	410	175	367	57	M8	5 Years
CL1000	2V 1000AH	475	175	367	66.5	M8	5 Years
CL1500	2V 1500AH	400	350	382	100	M8	5 Years
CL2000	2V 2000AH	490	350	382	132	M8	5 Years
CL3000	2V 3000AH	710	350	382	210	M8	5 Years
		CLM	SERIES				
CL200M	2V 200AH	171	111	342	12.5	M8	5 Years
CL300M	2V 300AH	171	151	342	17	M8	5 Years
CL500M	2V 500AH	242	173	342	28	M8	5 Years
CL600M	2V 600AH	242	173	342	31.5	M8	5 Years
CL800M	2V 800AH	301	175	343	43	M8	5 Years
CL1000M	2V 1000AH	229	186	566	57	M8	5 Years
CL1500M	2V 1500AH	266	229	566	86	M8	5 Years
CL2000M	2V 2000AH	349	233	566	113	M8	5 Years
CL3000M	2V 3000AH	696	340	342	168	M8	5 Years









# **UPS Lithium Solutions**UPS Lithium Cabinet

- LiFePO4 Battery Cell (LFP), more secure, longer Cycle Life, better performance at high temperature
- Long design life and less maintenance required
- High Precision Battery
   Management System (BMS)
- Higher discharge rate and faster charging
- Able to communicate with UPS module
- 5 + 5 Years Pro-Rata Warranty

With the battery modules and BMS management all in the cabinet with display screen, Vision LFP communicate to the UPS and is securely monitored by 3 levels of battery management control system: Basic management unit in battery module (BMU), Cabinet level BMS (CBMS), System level BMS (GBMS).

Warranty for Vision LFP is 5 years fully replacement.



\*first 5 years full replacement, last 5 years pro-rata from the invoice date of the goods. T&C apply.

#### VISION PRODUCT SPECIFICATIONS **REVO TPH SERIES** MAX. MAX. MAX. DISCHARGE NO. OF SYSTEM MODULE MODE CABINET **CB RATING** CHARGE DISCHARGE CURRENT **MODULES** CURRENT (A) (KW) PROTECTION (A) 409.6V 20Ah 600 x 800 x 1500 8 51.2V20AH TPH 10 250A 80 20 245 460.8V 20Ah 51.2V20AH TPH 10 600 x 800 x 1500 9 250A 20 90 245 512V 20Ah 51.2V20AH TPH 10 600 x 800 x 1500 10 250A 100 245 20

	VISIO	N PRODUCT	SPECIF	ICATIO	NS		
SYSTEM	MODULE MODE	CABINET	NO. OF MODULES	CB RATING	MAX. CHARGE CURRENT (A)	MAX. DISCHARGE (KW)	MAX. DISCHARGE CURRENT PROTECTION (A)
		REVO TPI	H SERIES				
563.2V 20Ah	51.2V20AH TPH 10	600 x 800 x 1500	11	250A	20	110	245
614.4V 20Ah	51.2V20AH TPH 10	600 x 800 x 1500	12	250A	20	120	245
409.6V 40Ah	51.2V40AH TPH 20	600 x 800 x 2000	8	630A	40	160	490
460.8V 40Ah	51.2V40AH TPH 20	600 x 800 x 2000	9	630A	40	180	490
512V 40Ah	51.2V40AH TPH 20	600 x 800 x 2000	10	630A	40	200	490
563.2V 40Ah	51.2V40AH TPH 20	600 x 800 x 2000	11	630A	40	220	490
614.4V 40Ah	51.2V40AH TPH 20	600 x 800 x 2000	12	630A	40	240	490
		REVO TF	SERIES				
409.6V 50Ah	51.2V50AH TP 10	600 x 1000 x 2000	8	250A	50	91.2	245
460.8V 50Ah	51.2V50AH TP 10	600 x 1000 x 2000	9	250A	50	102.6	245
512V 50Ah	51.2V50AH TP 10	600 x 1000 x 2000	10	250A	50	114	245
563.2V 50Ah	51.2V50AH TP 10	600 x 1000 x 2000	11	250A	50	125.4	245
614.4V 50Ah	51.2V50AH TP 10	600 x 1000 x 2000	12	250A	50	136.8	245
409.6V 100Ah	51.2V100AH TP 20	600 x 1000 x 2000	8	630A	100	182.4	490
460.8V 100Ah	51.2V100AH TP 20	600 x 1000 x 2000	9	630A	100	205.2	490
512V 100Ah	51.2V100AH TP 20	600 x 1000 x 2000	10	630A	100	228	490
563.2V 100Ah	51.2V100AH TP 20	600 x 1000 x 2300	11	630A	100	250.8	490
614.4V 100Ah	51.2V100AH TP 20	600 x 1000 x 2300	12	630A	100	273.6	490
		REVO TP	L SERIES				
409.6V 100Ah	51.2V100AH TPL 5	600 x 1000 x 2000	8	125A	50	40.6	245
460.8V 100Ah	51.2V100AH TPL 5	600 x 1000 x 2000	9	125A	50	45.7	245
512V 100Ah	51.2V100AH TPL 5	600 x 1000 x 2000	10	125A	50	50.8	245
563.2V 100Ah	51.2V100AH TPL 5	600 x 1000 x 2000	11	125A	50	55.8	245
614.4V 100Ah	51.2V100AH TPL 5	600 x 1000 x 2000	12	125A	50	60.9	245
409.6V 200Ah	51.2V200AH TPL 10	600 x 1000 x 2000	8	250A	100	81.2	245
460.8V 200Ah	51.2V200AH TPL 10	600 x 1000 x 2000	9	250A	100	91.4	245
512V 200Ah	51.2V200AH TPL 10	600 x 1000 x 2000	10	250A	100	101.6	245
563.2V 200Ah	51.2V200AH TPL 10	600 x 1000 x 2300	11	250A	100	117.7	245
614.4V 200Ah	51.2V200AH TPL 10	600 x 1000 x 2300	12	250A	100	121.9	245



## **Lithium SP Series**

LiFePO4 Batteries

- Intelligent equalization management
- Over charging/discharging, over temperature and short circuit protection
- Support 6 in series x 6 in parallel, total 36 batteries in a matrix
- Suitable for RV, Energy Storage and UPS backup purpose

This Lithium SP series provides a high IP rating to ensure safe and reliable system operations in the whole lifecycle. Its smart management structure can accurately monitor the status of each component in the system to ensure stable system performance and safety of users. These batteries are suitable for backup purpose of UPS, energy storage system and recreational vehicles.

\*Please note that these batteries are not suitable for under bonnet usage. Please refer to our warranty statement for warranty details. T&C apply.

	VISION P	RODUC	T SPEC	IFICAT	IONS		
ITEM CODE	CAPACITY AT C10	L	W	T/H	KG	TERMINAL	WARRANTY
		VISION LITH	IIUM SP SEF	RIES			
SP12-100A	12V100Ah	306	169	215	10	M8	3 Years
SP12-100	12V100Ah	330	171	220	10.5	M8	3 Years
SP12-150	12V150Ah	482	170	241	20.5	M8	3 Years
SP12-200	12V200Ah	522	238	223	21	M8	3 Years
SP51.2-50	51.2V50Ah	442	450	133	32.5	M6	3 Years
SP51.2-100	51.2V100Ah	442	450	133	41.5	M6	3 Years
		ASS	SEMBLY				





# BATTERY



# CSB BATTERY

LEADING GLOBAL MANUFACTURER OF VRLA BATTERIES



## **GP Series** General Purpose Battery

- High rate discharge
- Deep discharge recoverability
- Up to 5 years design life\*
- Low resistance
- Up to 12 months warranty

GP stands for General Purpose. The series is a modern hi-tech energy application product, and the first generation delicate product in CSB brand.

\*The design life is based on Standby Service at 25°C. 12 months warranty from the date of delivery. T&C apply. Please refer to our warranty statement.

	CSB PRODUCT SPECIFICATIONS										
ITEM CODE	CAPACITY C20 to 1.75 VPC at 25 °C	L	W	T/H	WEIGHT	А	WARRANTY				
GP SERIES											
GP645 6V 4.5AH 70 48 107.5 0.84 F1 12 Months											
GP672	6V 7.2AH	151	34	100.7	1.22	F1	12 Months				
GP1272	12V 7.2AH	151	65	98.6	2.4	F1/F2	12 Months				
GP12120	12V 12AH	151	98.3	100.3	3.67	F2	12 Months				
GP12170	12V 17AH	181	76.2	167	5.5	B1/B3	12 Months				
GP12260	12V 26AH	166	175	125	8.45	M5	12 Months				
GP12400	12V 40AH	197	165	170	12.74	M5	12 Months				
		ASS	EMBLY								

<sup>\*</sup>side insert of M5 Bolt.





## **EVX/EVH Series** AGM Deep Cycle Battery

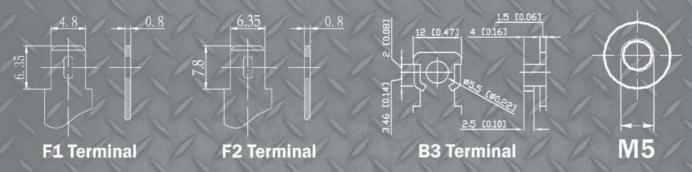
- High rate discharge
- Deep discharge recoverability
- With special formula to manufacture lead calcium alloy
- Long life, low self-discharge rate and high reliability
- Up to 12 months warranty

EVH means Electric Vehicle H. This series focus on improving the cycle life and runtime that base on EVX series. EVX means Electric Vehicle X. This series is a modern hi-tech energy application product.

\*12 months warranty from the date of delivery. T&C apply. Please refer to our warranty statement.

CSB PRODUCT SPECIFICATIONS											
ITEM CODE	CAPACITY C20 to 1.75 VPC at 25 °C	L	W	T/H	KG	А	WARRANTY				
		EVX/EV	H SERIES								
EVH12150	12V 15AH	151	98	97.5	4.6	F2	12 Months				
EVH12240	12V 24AH	181	76.2	170	7.55	M5	12 Months				
EVX1272	12V 7.2AH	151	65	98.6	2.55	F2	12 Months				
EVX200	12V 20AH	181	76.2	167	6.7	M5	12 Months				
EVX260	12V 26AH	166	175	125	8.65	В3	12 Months				
	ASSEMBLY										

\*side insert of M5 Bolt.





# **HR Series**High Rate Discharge Battery

- High rate discharge
- Deep discharge recoverability
- Long life and low self-discharge rate
- Up to 12 months warranty



\*12 months warranty from the date of delivery. T&C apply. Please refer to our warranty statement.

	CSB PRO	DUCT	SPECI	FICAT	IONS		
ITEM CODE	CAPACITY C20 to 1.75 VPC at 25 °C	L	W	T/H	WEIGHT	А	WARRANTY
		HR S	SERIES				
HR1221	12V 21W(5AH)	90	70	106	1.8	F2	12 Months
HR1224	12V 24W(5AH)	151	51	98.8	1.95	F1/F2	12 Months



## **UPS Series**

High Rate Discharge Battery

- High rate discharge
- Deep discharge recoverability
- Long life and low self-discharge rate
- Up to 12 months warranty



\*12 months warranty from the date of delivery. T&C apply. Please refer to our warranty statement.

	CSB PRO	DUCT	SPECI	FICAT	IONS		
ITEM CODE	CAPACITY C20 to 1.75 VPC at 25 °C	L	W	T/H	WEIGHT	А	WARRANTY
		UPS	SERIES				
UPS12460	12V 460W	151	65	98.6	2.5	F2	12 Months
UPS12580	12V 580W	151	65	98.6	2.83	F2	12 Months



# **HRL Series**Long Life General Purpose

- High rate discharge
- Deep discharge recoverability
- With special formula to manufacture lead calcium alloy
- Up to 10 years design life\*
- Up to 12 months warranty

GPL stands for General Purpose and long life. The series focus on improving trickle life that base on GP series. HRL stands for High Rate and long life. The series focus on improving trickle life that base on HR series.

\*The design life is based on Standby Service at 25 °C. 12 months warranty from the date of delivery. T&C apply. Please refer to our warranty statement.

	CSB PRO	DUCT	SPECII	FICAT	IONS		
ITEM CODE	CAPACITY C20 to 1.75 VPC at 25 °C	L	W	T/H	WEIGHT	А	WARRANTY
		GPL/HF	RL SERIES				
HRL634	6V 9Ah	151	34	98	1.32	F2	12 Months
HRL1234 FR	12V 9AH	151	65	100	2.7	F2	12 Months
		ASS	EMBLY				

<sup>\*</sup>side insert of M5 Bolt.





## XTV Series

## Extreme Temperatures Series

- High rate discharge
- Deep discharge recoverability
- Innovative plate structure dramatically improves service life under harsh conditions
- Long life and low self-discharge rate
- High reliability
- Complies with IATA/ICAO Special Provision A67 for air transport
- Up to 12 years design life\*
- Up to 12 months warranty

XTV stands for extreme temperatures version. This series is specifically for application where robust battery performance is required to withstand harsh temperature environment.

\*The design life is based on Standby Service at 25°C. 12 months warranty from the date of delivery. T&C apply. Please refer to our warranty statement.

	CSB PRO	DUCT	SPECI	FICAT	ONS				
ITEM CODE	CAPACITY C20 to 1.75 VPC at 25 °C	L	W	T/H	WEIGHT	А	WARRANTY		
	EXTR	ЕМЕ ТЕМРІ	ERATURES	SERIES					
XTV1285	XTV1285 12V 8.5AH 151 65 98.6 2.62 F2 12 Months								
ASSEMBLY									









# CROWN BATTERY

THE POWER BEHIND PERFORMANCE

# **CROWN**



## **Heavy Duty Commercial**

Truck - 6V Starter Battery

- SAE Automotive Top Terminal
- · Cover with raised vent
- Maintenance-free calcium alloy construction
- Up to 24 months warranty

24 MONTH MARRANT

\*24 months standard warranty. T&C apply.

	CR	NWC	RODU	CT SP	ECIFIC	ATIO	NS			
ITEM CODE	CROSS REFERENCES	CCA	CA	RC	L	W	T/H	KG	А	WARRANTY
		6 V	OLT CAR	& TRUCK B	ATTERIES					
CR1-640	D12 6Volt	640	850	130	230	171	225	13.9	J	2 years



## Heavy Duty

12V Starter Battery

- Side Terminal
- Cover with raised vent
- Maintenance-free calcium alloy construction
- Up to 24 months warranty

24 MONTH MARRANT

\*24 months standard warranty. T&C apply.

	CRO	9 NWC	RODU	CT SP	ECIFIC	ATIO	NS			
ITEM CODE	CROSS REFERENCES	CCA	CA	RC	L	W	T/H	KG	А	WARRANTY
	-	12 \	OLT CAR	& TRUCK E	BATTERIES	i.				
75-650	USA Fitment (Corv.)	650	810	85	232	179	184	16.8	Side	2 years
			A:	SSEMBLY						







# **CROWN**





## Heavy Duty Deep Cycle Range Commercial Deep Cycle Battery

- 6V, 8V and 12V series
- Heavy duty construction
- Heat-sealed case and cover design
- Rigid connectors Heavy duty TTP, COS and post connectors deliver maximum electrical efficiency and durability
- Positive Plate Envelope Separators reduce maintenance and prevent failure due to shortcircuiting and plate shredding
- Cast metal grid
- Up to 12 months warranty



\*12 months standard warranty. T&C apply.

	CR	OWN F	RODL	ICT SPE	CIFIC	CATIO	NS			
ITEM CODE	CROSS REFERENCES	Amp Hour 20 Hr Rate		RC	L	W	T/H	KG	А	А
			DEEP	CYCLE 6 VO	LT					
CR-220	T-105 / US-2200	220	185	115@75	260	181	273	29.1	J	1 year
CR-235	T-125 / US-125	235	195	125 @ 75	260	181	273	31.3	J	1 year
CR-260	T-145 / US-145	260	215	145 @ 75	260	179	295	33.7	J	1 year
CR-275	J250H / US-250HC	275	228	155 @ 75	298	183	286	34.1	J	1 year
CR-330	J305G / US-305	330	255	190 @ 75	310	183	359	43.6	J	1 year
CR-390T	L16H / L16HC top lifting	390	310	210 @ 75	314	183	410	52.2	J	1 year
CR-430	L16H / L16HC	430	345	240 @ 75	314	183	410	55.2	J	1 year
			DEEP (	CYCLE 8 VO	LT					
CR-165	T-875 / US-8VGCHC	165	140	75 @ 75	262	181	273	29.1	А	1 year
			DEEP C	CYCLE 12 VC	LT					
GC-12V	T1275	150	120	102 @ 56	328	179	267	37.0	Α	1 year
CR-215	J185G / US-185E	215	180	118 @ 75	394	178	372	49.2	F	1 year
			Α	SSEMBLY						











# **PYLONTECH**

**CUBE THE FORCE** 

# **PYLONTECH**

### US3000C



### US5000B



## Lithium Energy Storage System

- Integrated BMS
- Longer life cycle more than 6000 cycles with 90% DOD
- Compact size for space savings
- · Can be expandable for need
- High compatibility can be combined with various brands of hybrid inverters

## **Energy Storage Cabinet**

- Robust construction
- Waterproof thread holes
- IP55 Exhaust fan
- Waterproof seal
- 3-Points lock



<sup>\*10</sup> years warranty from the date of installation or 6 months from manufacture date. T&C apply. Please refer to our warranty statement.

P.	YLONTECH PR	RODL	JCT	SPE	CIF	ICA <sup>®</sup>	TIONS		
PYLONTECH CODE	CROSS REFERENCES	V	L	W	T/H	KG	DESIGN LIFE	WARRANTY	
	ENE	RGY STC	RAGE S	YSTEM					
US3000C	48V 74AH (3552WH)	48	420	442	132	32	15 Years	10 Years	
US5000B	48V 100AH (4800WH)	48	442	420	161	39	15 Years	10 Years	
	ENERGY STORAGE CABINET								
US-CAB			400	600	1360			No Warranty	

# fesing



**FESING** 

# **FESING**



# All-In-One-On-Grid Solar **Energy Storage** Lithium Iron Phosphate Battery

- Demand Charge Management
- Time of Use Setting
- Micro-Grid
- Backup Power
- Intelligent user-friendly monitoring APP
- Zero Export



\*10 years warranty from the date of delivery. T&C apply. Please refer to our warranty statement.



FESING PRO	ODUCT	SPE	CIFIC	CATIO	NS
FESING CODE	W	D	Н	KG	WARRANTY
	GRIPLINI	5-10			
All-In-One-System	550	295	1775	170	10 Years

# **WARRANTY & GUARANTEE**

The guarantee that comes with our goods are bound by Australian Consumer Law. Where a major failure caused by faulty materials and workmanship occurs within the Specified warranty period, you are entitle to a replacement or refund and other loss and damage reasonable foreseeable, you are entitle to be compensated. Further, if the goods are of unacceptable quality does not cause a major failure, you are entitled to a repair or replacement of the goods.

#### **WARRANTY EXCLUSIONS**

This warranty does not apply where damage or defects to the battery are caused by the following conditions, including without limitation:

- 1. Accident, misuse, abuse, improper operation or tampering including removal or damage to vent plugs or loss of parts.
- 2. The warranty period will be automatically adjusted to the length for commercial use if the vehicle intended to be installed is not present or cannot be inspected by a representative of authorized dealer.
- 3. Improper, insecure or incomplete mounting.
- 4. Improper installation including installation of the battery with a capacity lower than that specified by the manufacturer of the product for which the battery will be used.
- 5. Misapplication including installation of a battery not compatible with its intended application or inappropriate application of the battery.
- 6. Lack of reasonable care, neglect (including causing sulphation), storage for a long period without proper maintenance or failure to maintain adequate acid level (applies to accessible batteries only).
- 7. Overcharging, undercharging or if it is discharged: faulty terminals caused failure.
- 8. Explosion causing damage as a result of a faulty connection including wrong, loose or reversed connection or flayed cables.
- 9. Any repair or modification by a third party without prior consent from YHI Power PTY LTD: or
- 10. Any damaged or defects as a result of normal wear and tear.
- 11. Warranty are not covered for battery that is used in a vehicle different from the vehicle described in the vehicle information guide.

#### **BATTERY SAFETY AND MAINTENANCE TIPS**

Extend the life of your battery by:

- 1. Securing the battery firmly to the cradle, not too tight or too loose. Vibration will damage plates and shorten battery life.
- 2. Keeping battery cables and terminal connector clean and tight, corrosion prevents electrical flow which can severely diminish charging current and reduce ability of battery to start the vehicle.
- 3. Checking your electrical charging system regularly and making sure it's working properly. Over or undercharging will impact the positive and negative plates causing a dramatic reduction in the life of the battery.
- 4. Checking electrical wiring and load. Electrical leakage or short will drain your battery.ie. a boot light or accessories left on can drain your battery overnight.
- 5. Using the right battery for the application, battery should be the same or bigger than the OEM fitment, undersize battery will fail early.
- 6. Using automotive battery for starting application and deep cycle battery for deep cycle application (TV, fridge, trolling etc.), EFB & VRL range for Start-Stop vehicles.
- 7. Keeping sparks and flames away from battery, battery creates explosive gases when charging.
- 8. Keeping your battery fully charge when not used frequently.
- 9. Keeping the electrolyte level above the plates (for accessible types only).

# SAFETY CHART

YHI POWER respects and understands the importance of safe procedures when handling and installing batteries. Please refer to the following symbols to ensure that you are not placing yourself and other in danger.



Never place metal objects between terminals



Use care when lifting (batteries are heavy)



Wash eyes immediately with clean water



Chemicals toxic to aquatic wildlife



Qualified installation recommended



Always wear acid resistant clothing





Various dangerous substances & materials



Do not smoke near batteries



Explosive; fire, blast or projection hazard



Eye protection recommended



**Battery** acid is corrosive



An immediate skin, eye or respiratory tract irritant, or narcotic.



**Automotive batteries** can & should be recycled



Health hazard; cause respiratory irritation, reproductive or organ toxicity





















#### VICTORIA

#### STATE OFFICE - MELBOURNE (HQ)

20-22 Venture Way, Braeside, VIC 3195 Tel: 03 9588 1888 Email: inquiry@yhipower.com.au

#### SUNSHINE

124 Fairbairn Road, Sunshine West, VIC 3020 Tel: 03 9973 6810

#### SOMERTON

Fct 2, 16-18 Fleet Street, Somerton, VIC 3062 Tel: 03 9305 1500

#### SHEPPARTON

15 Toolamba Road, Mooroopna VIC 3062 Tel: 04 1943 6236

#### BENDIGO

2 Bays, Room 15, 50-52 Cool Store Road, Harcourt, VIC 3453 Tel: 0458 868 999

#### WARRAGUL

Unit 4 22-23 Masterson Court & 6-8 Hazel Dr, Warragul, VIC 3820 Tel: 0497 251 666

#### QUEENSLAND

#### STATE OFFICE - BRISBANE

498 Progress Road, Wacol, QLD 4076 Tel: 07 3379 1461 Email: qldsales@yhipower.com.au

#### SUNSHINE COAST

5/43-45 Claude Boyd Parade, Bells Creek, QLD 4551 Tel: 04 3962 8624

#### CAIRNS

1/135 Lyons Street, Bungalow QLD 4870 Tel: 04 2904 2167

#### **ROCKHAMPTON**

7/33-37 Bridge Street, Berserker QLD 4701 Tel: 07 5539 2222

#### TOOWOOMBA

17/489-491 South Street, Harristown 4350 Tel: 07 5539 6666

#### **NEW SOUTH WALES**

#### STATE OFFICE - SYDNEY

8 Penelope Crescent, Arndell Park, NSW 2148 Tel: 02 9672 4998 Email: nswadmin@yhipower.com.au

#### WESTERN AUSTRALIA

#### STATE OFFICE - PERTH

16 Ernest Clark Road, Canning Vale, WA 6155 Tel: 08 9456 2224 Email: wasales@yhipower.com.au

#### SOUTH AUSTRALIA

#### STATE OFFICE - ADELAIDE

2/497 Cross Keys Road, Cavan SA 5094 Tel: 08 8117 9303 Email: adawson@yhipower.com.au

#### TASMANIA

#### ULVERSTONE

Independent Oils Ulverstone Branch 8 Trevor Street, Ulverstone TAS 7315 Tel: 03 6425 7247

#### HOBART

Independent Oils Hobart Branch 26 Chesterman Street, Moonah TAS 7009 Tel: 03 6273 7588

Ver 02/23