

# HFS12-700FA

½ Excellent high rate discharge performance for emergency backup power supply (3min to 15min particularly).

Excellent cyclic exendurance and rapid charging acceptance.

Premium design for high reliability & safety

¼ V0 flame retardant ABS case (5VA).  
 Design life at 25°C (77°F): 15years.  
 Recommended standby time:one hour and below.

Length(mm / inch)	550 / 21.6
Width(mm / inch)	125 / 4.92
Height(mm / inch)	315 / 12.4
Total Height(mm / inch)	315 / 12.4
Approx. Weight(Kg / lbs)	60/132.3

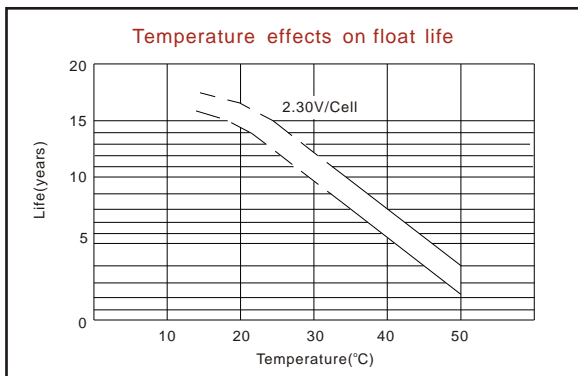
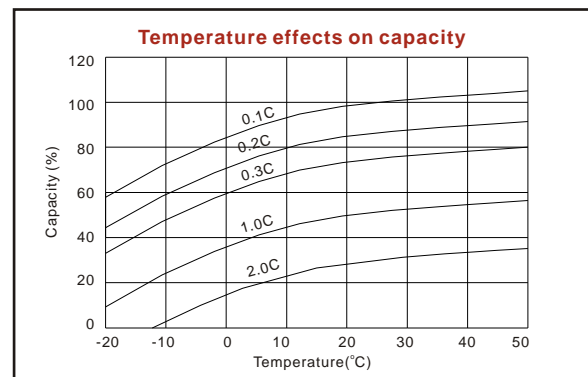
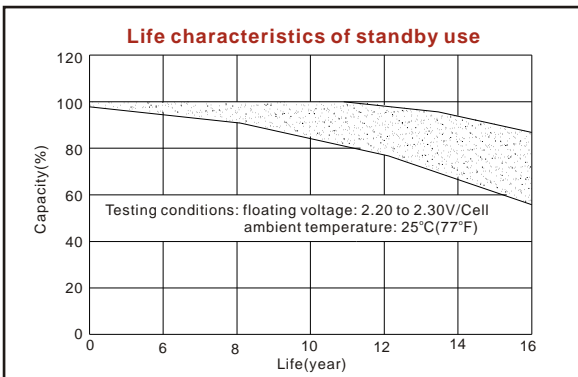
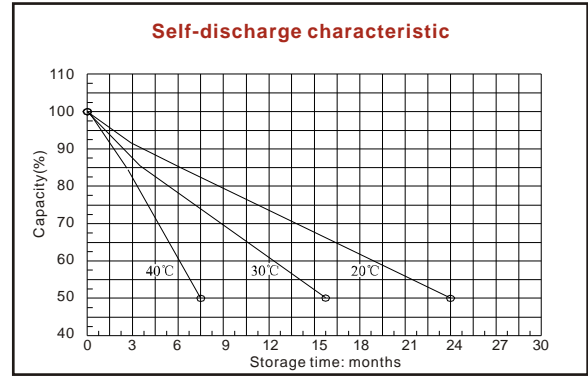
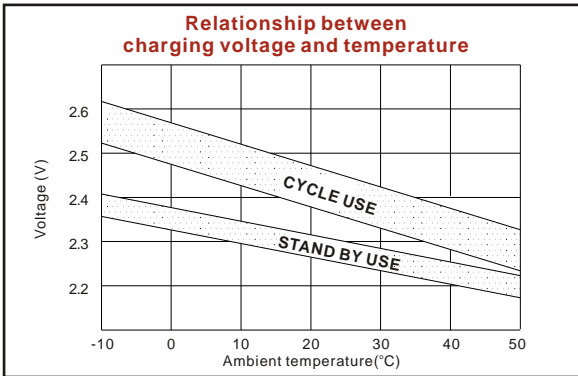
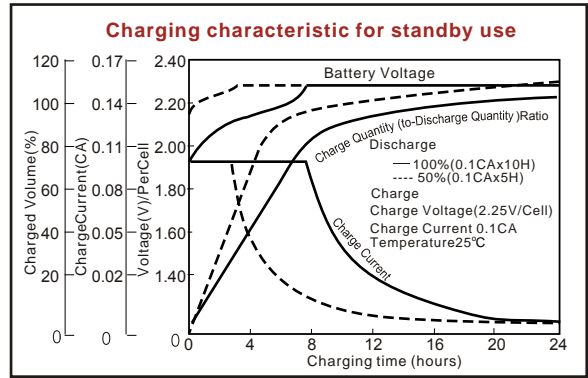
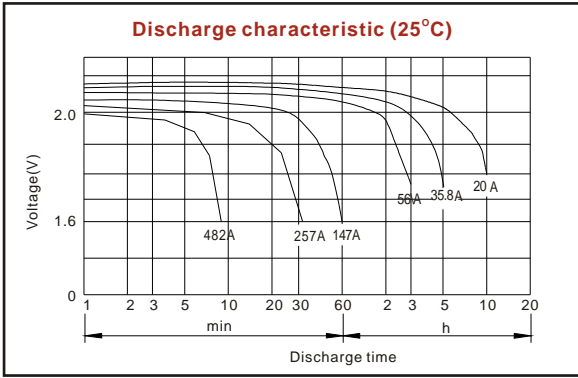
\* Weight deviation: ± 3%

Nominal Voltage	12V
Number of cell	6
Design Life at 25°C (77°F)	15years
Nominal Capacity 77°F(25°C)	
10 hour rate (20A, 1.8V)	200Ah
5 hour rate (127A, 1.75V)	179Ah
1 hour rate (447A, 1.6V)	131Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	3mOhms
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	1300A(5s)
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.40-2.45VPC
Maximum charging current	60A
Temperature compensation	-5.0mV/°C
Standby use	2.20-2.30VPC
Temperature compensation	-3.3mV/°C

(CG 3RLQW/9ROW &HDD)	PLQ	PLQ	PLQ	PLQ	PLQ	PLQ	PLQ	P L Q

(CG 3RLQW/9ROW &HDD)	PLQ	PLQ	PLQ	PLQ	PLQ	PLQ	PLQ	P L Q

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the mimimum values.  
 All data shall be changed without notice,Vision reserves the right to explain and update the information contained hereinto.





ISO9001:2008



MH25860



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