

6-EVF-50 (12V 62AH/10HR)

Contributing to the future

Total battery service system

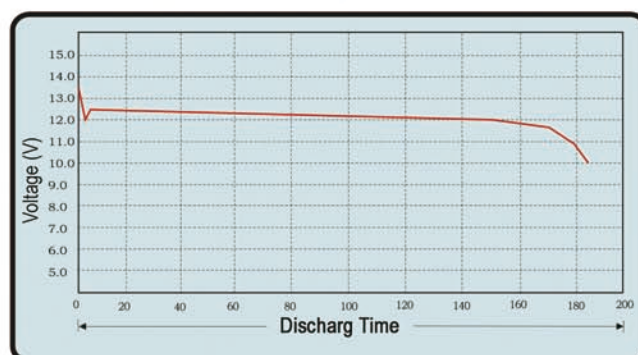
NON-SPILLABLE SEALED RECHARGEABLE BATTERY



Specifications

Nominal Voltage		12V
Rated Capacity(10hour rate)		62 AH
Dimension	Total Height (with terminals)	180 mm(7.08 inches)
	Height	178 mm(7.0 inches)
	Length	224 mm(8.81 inches)
	Width	135 mm(5.31 inches)
Weight		Approx. 15.1 kg (33.29 lbs)

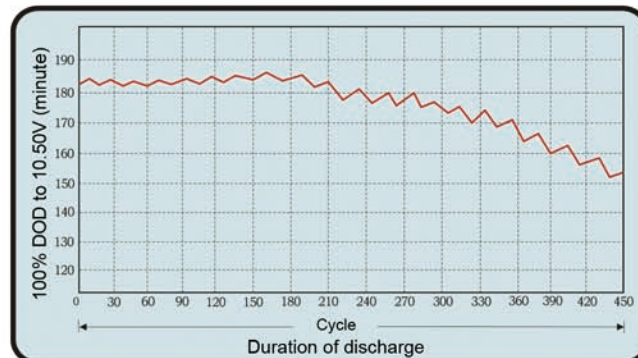
16.7A Discharge Curve (25°C ± 2°C)



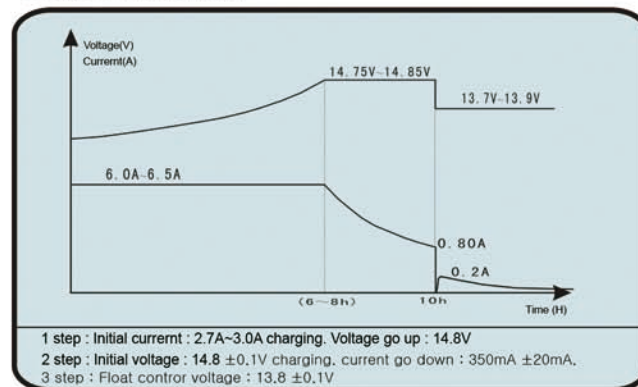
Characteristics

Capacity 77°F (25°C)	10 hour rate (6.2 A)	62.0 A
	5 hour rate (11.0 A)	55.0 A
	3 hour rate (17.2 A)	51.6 A
	2 hour rate (23.4 A)	46.8 A
	1 hour rate (38.5 A)	38.5 A
	30 min rate (65.3 A)	32.6 A
	15 min rate (110.1 A)	27.5 A
	10 min rate (139.9 A)	23.3 A
	5 min rate (168.4A)	14.0 A
Internal Resistance	Full charged Battery 77°F (25°C)	7.0 mΩ
Capacity affected by Temperature (hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	85%
	Capacity after 12 month storage	70%
Max. Discharge Current 77°F (25°C)	1860 A(5S)	
Terminal	Standard	Φ10.5 Nut Insert Type M5 X 9
	Optional	-
Charging (Constant Voltage)	Cycle	Initial Charging Current A or small 14.4V~14.8V/77°F (25°C)
	Float	13.5V~13.8V/77°F (25°C)

Life Diagram (25°C ± 2°C)



Charge Characteristics



Note The above date are average values, and can be obtained within 3 chagre/discharge
These are not minimum values.