

ER- GEL12V-100AH

Product Code	ER- GEL12V-100AH
Type of Battery	Gel Battery
Nominal Voltage	12V
Nominal Capacity(10HR)	100AH
Terminal	A2-70
Casing Material	ABS
Rated Capacity	105.0 AH/5.25A(20hr ,1.80V/cell,25°C/77°F)
	100.0AH/10.0A(10hr,1.80V/cell,25°C/77°F)
	87.2AH/17.4A(5hr,1.75V/cell,25°C/77°F)
	79.4AH/26.5A(3hr,1.75V/cell,25°C/77°F)
	61.1AH/61.1A(1hr,1.60V/cell,25°C/77°F)
Max. Discharge Current	1000A (5s)
Internal Resistance	Approx 5.5mΩ
Operating Temp.Range	Discharge :-15~50°C(5~122°F)
	Charge :0~40°C (32~104°F)
	Storage :-15~40°C(5~104°F)
Nominal Operating Temp. Range	25 3°C (77 5°F)
Cycle Use	Initial Charging Current less than 25.0 A.Voltage 14.4V~15.0V at 25°C(77°F)Temp. Coefficient - 30mV/°C
Standby Use	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F)Temp. Coefficient - 20mV/°C
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	The batteries may be stored for up to 9 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.
Size (LxWxH) without package	407*173*223mm
Size (LxWxH) with package(UN casing size)	492*245*308mm
Weight without package	+/- 28.3kgs
Weight with package	+/- 29KGS

