

VOOM-122500E

Voom 12V 250AH SLA Battery



OVERVIEW

VOOM-122500E General Purpose (GP Series VRLA batteries are designed with AGM (Absorbent Glass Mat) technology. High performance plates and electrolyte to give extra power output for common power backup system. GP Series Batteries are the general purpose batteries with 5 years floating design life at 25°C. Meet with IEC, BS, JIS and Eurobat standard, UL(MH62902), CE approved.

SPECIFICATION

Battery Model	Nominal Voltage		12V (6 cell per unit)	
	Rate Capacity (20 Hour rate)		250Ah	
Dimension	Length	Width	Height	Total Height
	522mm	268mm	220mm	225mm
Approx Weight	64.5kg			
Internal Resistance	Full Charged at 25°C: Approx 2.3mΩ			
Max Charge Current	75A			
Max Discharge Current	2500A (5 Second)			
Operating Temperature	Nominal Operating Temperature	Discharge	Charge	Storage
	25°C	-15°C ~ 50°C	-15°C ~ 40°C	-15°C ~ 40°C
Capacity @ 25°C (77°F)	10H Rate (25A, 10.5V)-250Ah	5H Rate (44.2A, 10.5V)-221Ah	3H Rate (66A, 10.2V)-198Ah	1H Rate (158A, 9.6V)-158Ah
Capacity affected by temp. (20Hr)	40°C	25°C	0°C	-15°C
Change method @ 25°C (77°F)	Float Charging Voltage; 13.5~13.8VDC/Unit		Equalization Charging Voltage: 14.4~15.0VDC/Unit	

GENERAL FEATURES

- Heavy Duty Grid
- Mechanized Assembly
- Non-spillable Construction
- High Reliability and Stability
- Sealed and Maintenance-free
- Long Life & Low Self-discharge design

APPLICATION

- Marine Equipment
- Medical Equipment
- PABX Equipment
- Telco System
- Electric Toy Car, Wheelchair, etc.
- EPS
- UPS
- Power Tools
- Alarm System
- Fire & Security System

