

# VOOM-12120

## Voom 12V 12AH SLA Battery



### OVERVIEW

VOOM-12120 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)		12Ah	
Dimension	Length	Width	Height	Total Height
	152mm	99mm	95mm	100mm
Approx Weight	3.26kg			
Internal Resistance	Full Charged at 25°C: Approx 16.0mΩ			
Max Charge Current	3.6A			
Max Discharge Current	180A(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)	20H Rate (0.642A,10.5V)-12.84Ah	10H Rate (1.194A,10.5V)-11.94Ah	5H Rate (2.17A,10.5V)-10.85Ah	1H Rate (7.76A,9.6V)-7.76Ah
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

