

VRLA / SLA Battery series is designed with AGM (Absorbent Glass Mat). In High Performance Plate with Anticorrosion Powder in Purify Electrolyte. Innovation Design of Fully Maintenance Free in Float Life 5 years. This is Highly Suited to Backup Applications in UPS/EPS, Security Alarm System, Emergency Light and other applications

Feature

- Smart UPS Battery Design up to 10%
- Battery Capacity 75Ah / 2140W-5min
- AGM/SLA - Seal Lead Acid Battery
- Maintenance Free Battery Operation
- Non-Spillable Construction Design
- ABS container & Cover UI94HB-0
- Safety Value in explosion proof
- CE & UL Product Certification
- ISO9001 & ISO14001 Certified Factory

Application

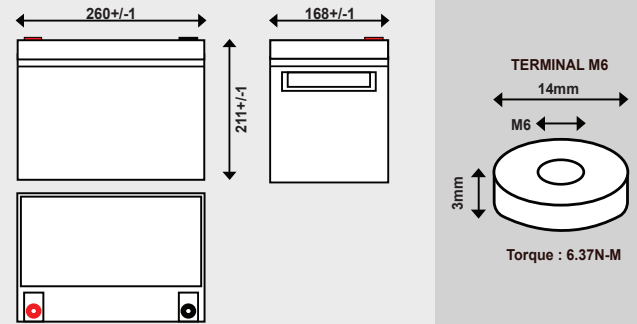
- UPS & EPS
- Emergency System
- Communication Eq.
- Security System
- Control Equipment
- Solar System
- Medical Equipment
- Cable TV & CCTV



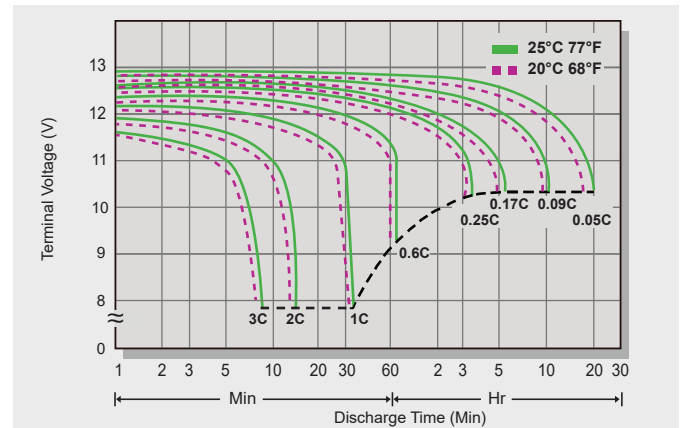
Specifications

Voltage Normal	: 12 VDC	in 6 Cell
Capacity @20Hr	: 79.0Ah @3.97A/	48W
	@ 5Hr	: 63.0Ah @12.6A/ 160W
	@ 1Hr	: 46.0Ah @46.3A/ 546W
	@15min	: 29.0Ah @116 A/ 1278W (*UPS)
	@ 5min	: 17.0Ah @200 A/ 2140W (*UPS)
Max. Discharge	: 1000A	@14C
Max. Charge Current	: 22.0A	@0.3C
Internal Resistance	: Apporx. 6 mΩ	Full Charge at 25°C
Design Float Life	: 10 years	at 25 °C
Cycle Lift Service	: 1500 cycles	at DOD 25%
Float Charge Voltage	: 13.5-13.8V	(-20mV/°C) at 25°C
Cycle Charge Voltage	: 14.4-15.0V	(-30mV/°C) at 25°C
Operation Temp.	: Normal	25+/- 3 °C
	: Discharge	-15 - 50 °C
	: Charge	-15 - 50 °C
	: Storage	-15 - 50 °C
Self Discharge	: more than 6 Month	at 25°C
Terminal	: M6	
Container Material	: ABS UL94 HB-0	(Option :UL94V-0)
Physical	: 260x168x211mm	- 22.5 Kgs

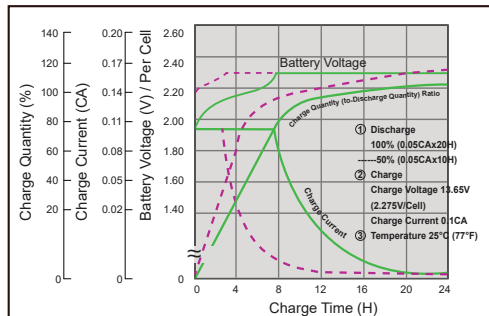
Dimension 260x168x211mm Weight = 22.5kgs @M6



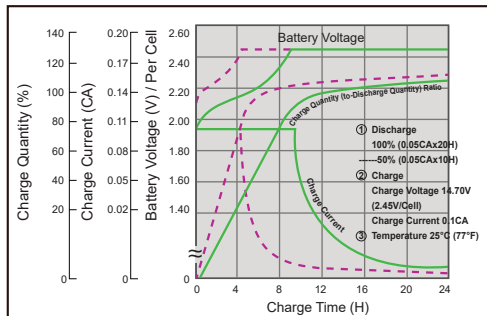
Terminal Voltage (V) and Discharge Time



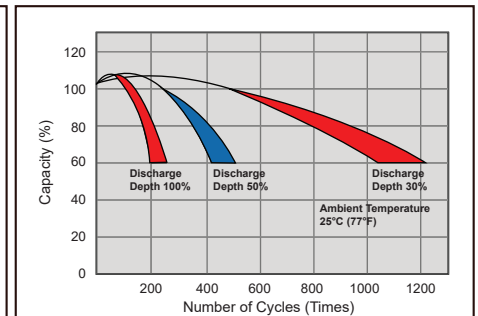
Battery Voltage and Charge Time for Standby Use



Battery Voltage and Charge Time for Cycle Use



Cycle Service Life



Constant Current(Amp) and Power (Watt/Box) Discharge Table

VRLA-Battery Performance : %DOD, Constant Current, Constant Power (25°C / 10.2 F.V.)

Discharge Time	5 Min	10Min	15Min	20Min	30Min	60Min	2Hr	3Hr	5Hr	10Hr	20Hr
%DOD	22%	32%	39%	42%	49%	62%	70%	81%	84%	100%	106%
Cons. Current	200A	146A	116A	94.5A	73.5A	46.3A	26.2A	20.3A	12.6A	7.51A	3.97A
Cons. Power	2142W	1614W	1278W	1039W	828W	546W	301W	232W	160W	90W	48W