

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 250Ah / 7140W-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

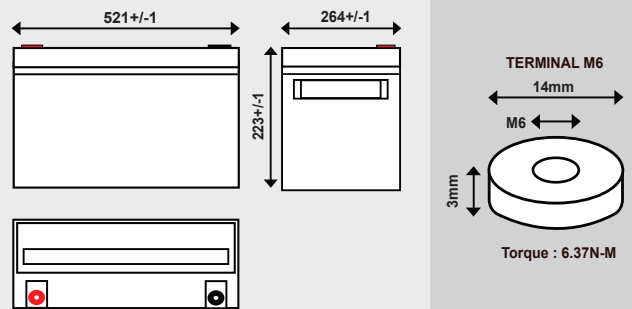
- UPS & EPS
- Emergency System
- Communication Eq.
- Security System
- Control Equipment
- Solar System
- Medical Equipment
- Cable TV & CCTV

Specifications

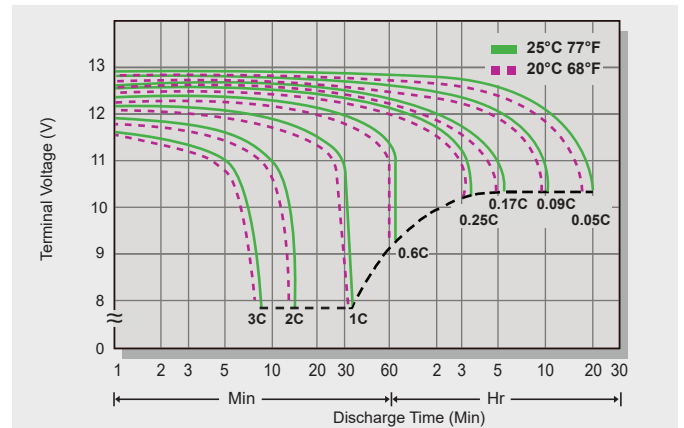
Voltage Normal	: 12 VDC	in 6 Cell
Capacity @20Hr	: 264.0Ah @13.2A/	159W
	@ 5Hr	: 212.0Ah @42.4A/ 485W
	@ 1Hr	: 154.0Ah @154 A/ 1728W
	@15min	: 97.0Ah @388 A/ 4260W (*UPS)
	@ 5min	: 55.0Ah @665 A/ 7140W (*UPS)
Max. Discharge	: 3500A	@14C
Max. Charge Current	: 75.0A	@0.3C
Internal Resistance	: Apporx. 3 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	: 521x264x223mm	– 72 Kgs



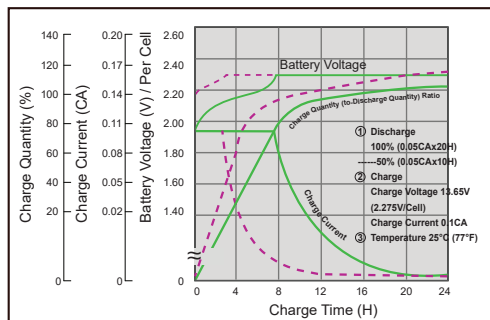
Dimension 521x264x223mm Weight = 72kgs @M6



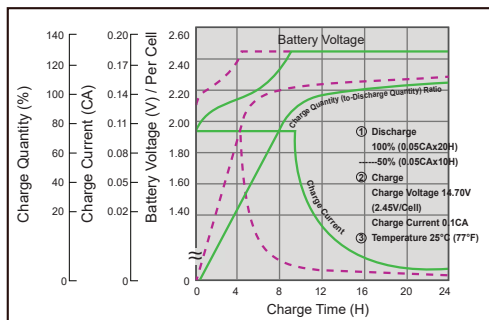
Terminal Voltage (V) and Discharge Time



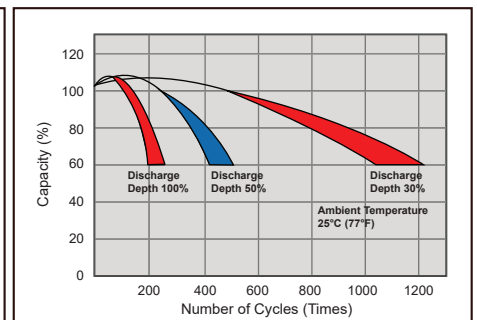
Battery Voltage and Charge Time for Standby Use



Battery Voltage and Charge Time for Cycle Use



Cycle Service Life



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

EWAVE.BRO-24.BATT GB12-250 / 7140W.Rev1.10/2019

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%	85%	100%	106%
Cons.Current	665A	488A	388A	315A	245A	154A	87.5A	67.5A	42.4A	25.0A	13.2A
Cons. Power	7140W	5370W	4260W	3465W	2760W	1728W	1006W	774W	485W	300W	159W