

VRLA/SLA Battery series is designed with AGM Long Life / Duration In High Performance Plate with Gain Extra Powder in Purify Electrolyte. Innovation Design of Fully Maintenance Free in Float Life 12 years. This is Highly Suited to Backup Applications in UPS/ EPS, Security Alarm System, Emergency Light, Telecommunication System and other

Feature

- Smart UPS Battery Design up to 10%
- Battery Capacity 75Ah / 1250W-15min
- AGM/SLA -Seal Lead Acid Battery
- Maintenance Free Battery Operation
- Non-Spillable Construction Design
- ABS Container & Cover UL94HB-0
- Safety Valve in explosion proof
- CE & UL Product Certificate
- ISO9001 & ISO14001 Certified Factory

Application

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

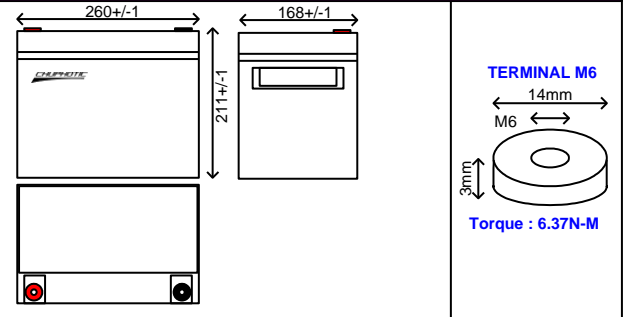
Specifications

Voltage Normal : 12 VDC in 6 Cell
Capacity @20Hr : 79Ah @3.97A/48W
 @ 5Hr : 63Ah @12.6A/160W
 @ 1Hr : 46Ah @46.3A/546W
 @15min : 29Ah @116A/1278W (*UPS)
 @ 5min : 17Ah @200A/2142W (*UPS)
Max. Discharge : 1000A @14C
Max. Charge Current : 22A @0.3C
Internal Resistance : Apporx. 6 mΩ Full Charge at 25°C
Design Float Life : 12 years at 25 °C
Cycle Lift Service : 1500 cycles at DOD 25%
Float Charge Voltage : 14.4-15.0V (-30mV/°C) at 25°C
Cycle Charge Voltage : 13.5-13.8V (-20mV/°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

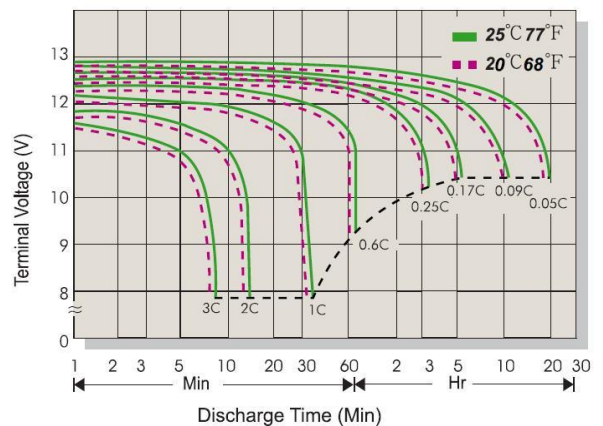
EX1275-1250W : 12V-75Ah /1250W-15min



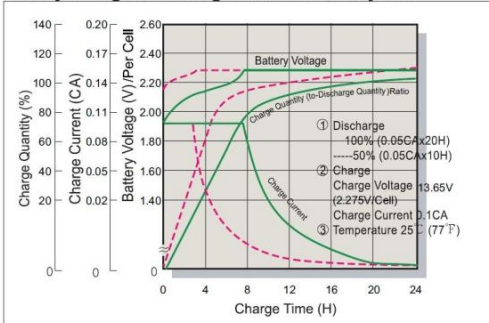
Dimension 260x168x211mm Weight = 22.5kgs @M6



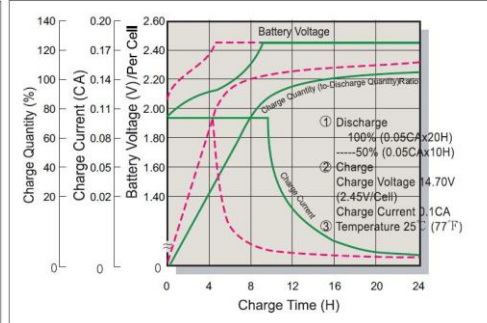
Terminal Voltage (V) and Discharge Time



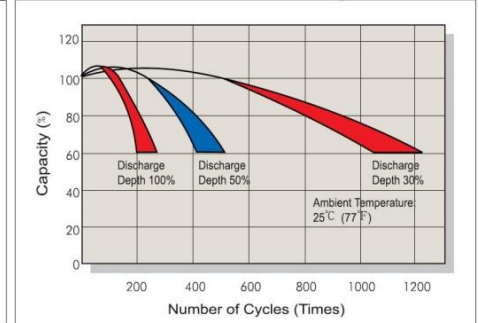
Battery Voltage and Charge Time for Standby Use



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/ 10.5 F.V.)

	5 Min	10 Min	15 Min	20 Min	30 Min	60 Min	2 Hr	3 Hr	5 Hr	10 Hr	20 Hr
Capacity Batt.	16.7Ah	24.3Ah	29Ah	31.5Ah	36.7Ah	46.3Ah	52.4Ah	60.9Ah	63Ah	75.1Ah	79.4Ah
% 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

Chuphotic EX1275-1250W Rev.1.00