

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 180Ah / 3000W-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

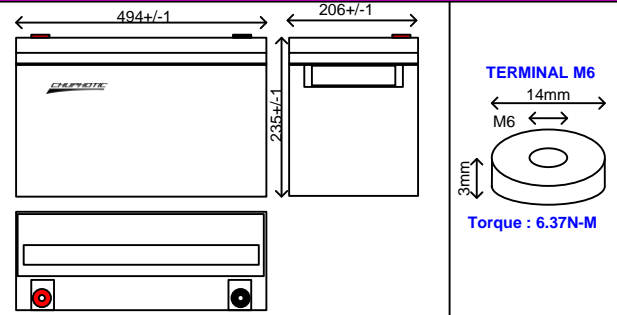
Application

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

EX12180-3000W : 12V-180Ah /3000W-15min



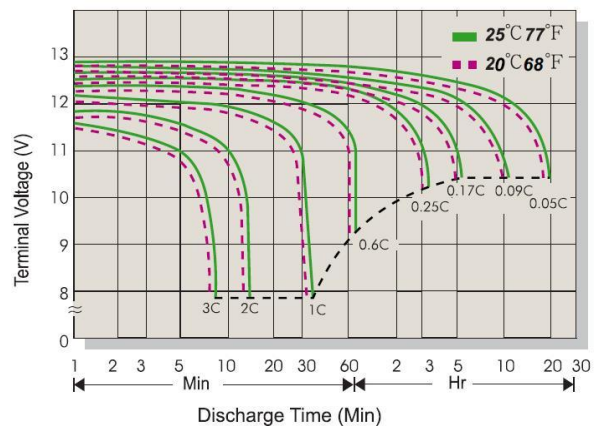
Dimension 494x206x235mm Weight = 54kgs @M6



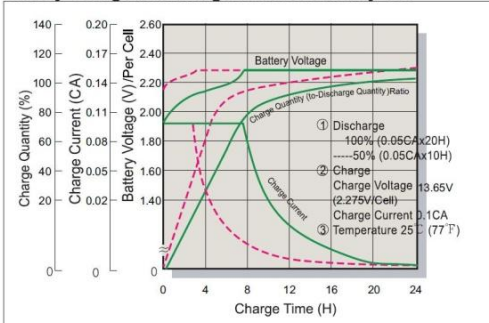
Specifications

Voltage Normal : 12 VDC in 6 Cell
Capacity @20Hr : 189Ah @9.44A/109W
 @ 5Hr : 154Ah @30.8A/383W
 @ 1Hr : 111Ah @111A/1308W
 @15min : 70Ah @279A/3066W (*UPS)
 @ 5min : 40Ah @479A/5142W (*UPS)
Max. Discharge : 2500A @14C
Max. Charge Current : 54A @0.3C
Internal Resistance : Apporx. 3.5 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 : 494x206x235mm – 54 Kgs

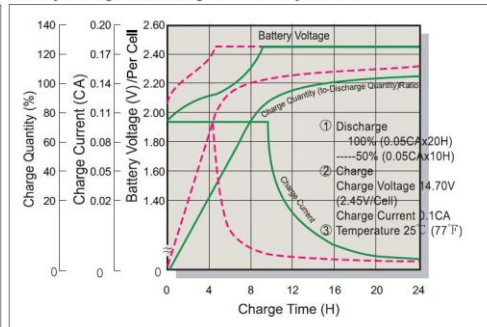
Terminal Voltage (V) and Discharge Time



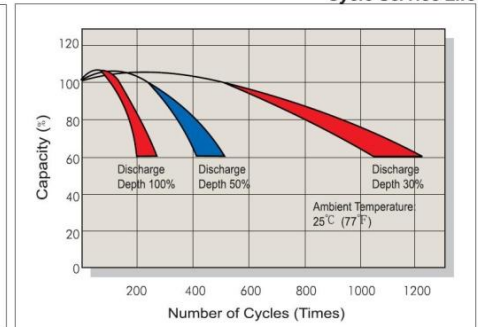
Battery Voltage and Charge Time for Standby Use



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.)

EX12180-3000w	5 Min	10 Min	15 Min	20 Min	30 Min	60 Min	2 Hr	3 Hr	5 Hr	10 Hr	20 Hr
Capacity Batt.	40Ah	58.5Ah	70Ah	75.7Ah	88Ah	111Ah	126Ah	146Ah	154Ah	180Ah	189Ah
% DOD	22%	32%	39%	42%	49%	62%	70%	81%	84%	100%	105%
Cons.Current	479A	351A	279A	227A	176A	111A	63A	48.6A	30.8A	18.0A	9.44A
Cons. Power	5142W	3864W	3066W	2497W	1986W	1308W	724W	557W	383W	216W	109W

Chuphotic EX12180-3000W Rev.1.00