

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 65Ah / 1100W-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

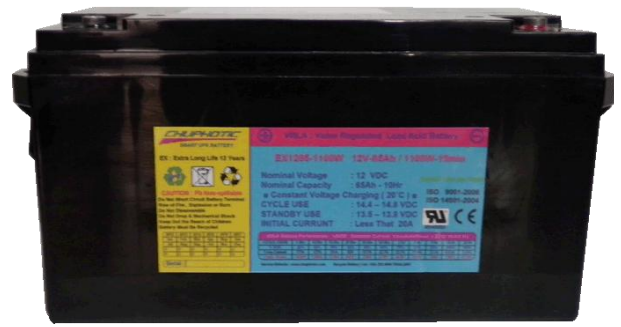
Application

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

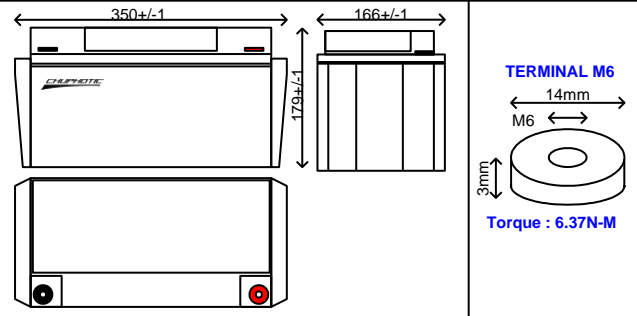
Specifications

Voltage Normal : 12 VDC in 6 Cell
Capacity @20Hr : 69Ah @3.44A/41.3W
 @ 5Hr : 60Ah @12.1A/138W
 @ 1Hr : 42Ah @42.3A/473W
 @15min : 25Ah @101A/1110W (*UPS)
 @ 5min : 14Ah @173A/1854W (*UPS)
Max. Discharge : 900A @14C
Max. Charge Current : 20A @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 : 350x166x179mm – 21.2 Kgs

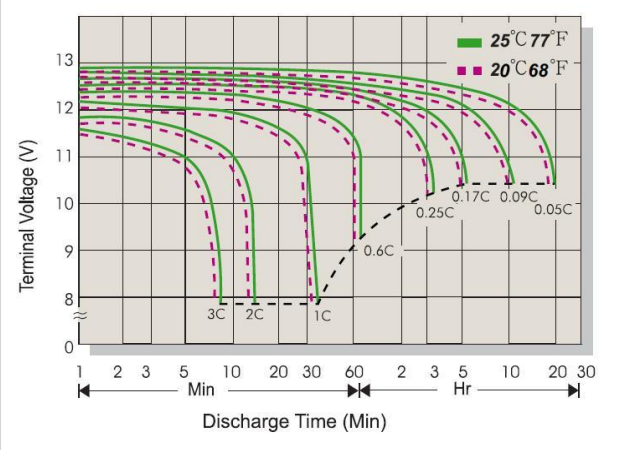
EX1265-1100W : 12V-65Ah /1100W-15min



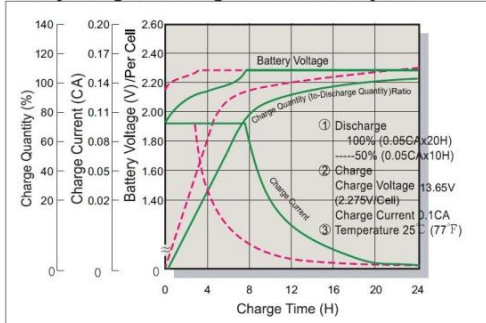
Dimension 350x166x179mm Weight = 21.2kgs @M6



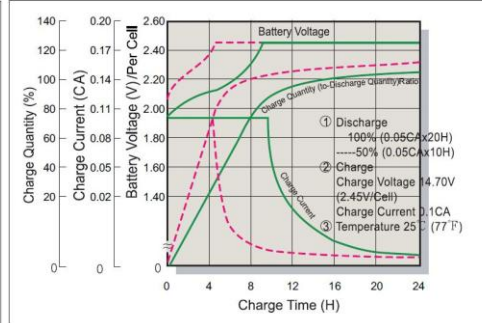
Terminal Voltage (V) and Discharge Time



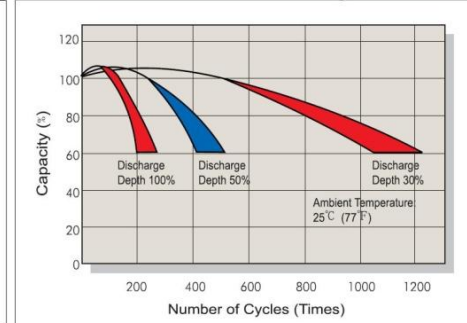
Battery Voltage and Charge Time for Standby Use



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.	14.4Ah	21.2Ah	25.2Ah	27.3Ah	31.8Ah	42.3Ah	45.4Ah	52.8Ah	60.5Ah	65.1Ah	68.8Ah
% DOD	22%	32%	39%	42%	49%	65%	70%	81%	93%	100%	106%
Cons.Current	173A	127A	101A	82A	63.7A	42.3A	22.7A	17.6A	12.1A	6.51A	3.44A
Cons. Power	1854W	1398W	1110W	902W	720W	473W	261W	201W	138W	78W	41.3W

Chuphotic EX1265-1100W Rev.1.00