

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 230Ah / 3900W-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

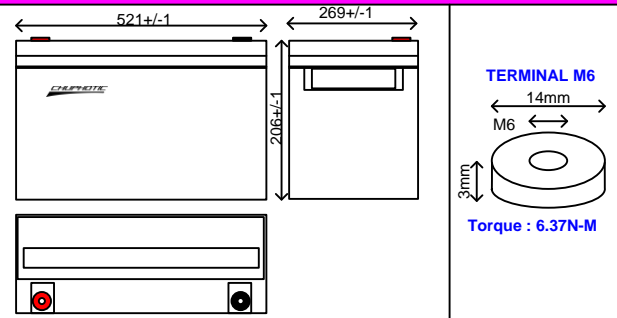
Specifications

Voltage Normal	: 12 VDC in 6 Cell
Capacity @20Hr	: 243Ah @12.2A/139W
@ 5Hr	: 195Ah @ 39A/490W
@ 1Hr	: 142Ah @142A/1674W
@15min	: 89Ah @357A/3918W (*UPS)
@ 5min	: 51Ah @612A/6570W (*UPS)
Max. Discharge	: 3200A @14C
Max. Charge Current	: 70A @0.3C
Internal Resistance	: Apporx. 3 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	: 521x269x206mm – 66 Kgs

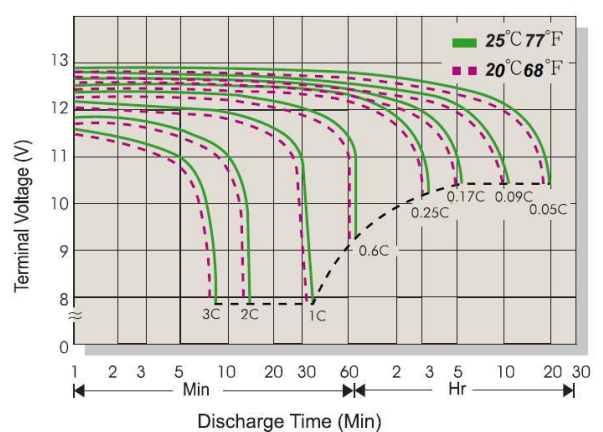
EX12230-3900W : 12V-230Ah /3900W-15min



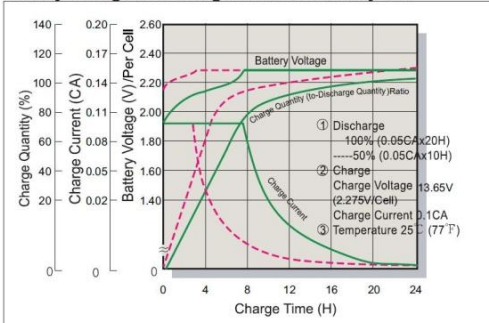
Dimension 521x269x206mm Weight = 66kgs @M6



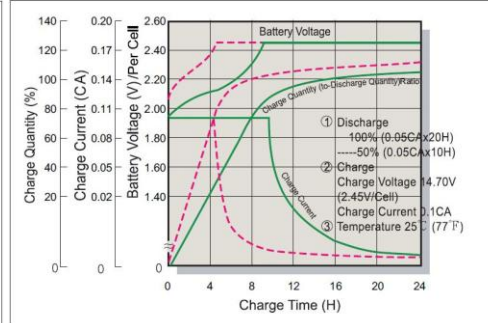
Terminal Voltage (V) and Discharge Time



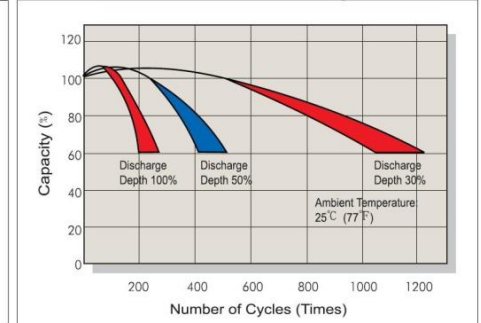
Battery Voltage and Charge Time for Standby Use



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.	51Ah	75Ah	89.2Ah	97Ah	113Ah	142Ah	161Ah	186Ah	195Ah	230Ah	243Ah
% DOD	22%	32%	39%	42%	49%	62%	70%	81%	84%	100%	106%
Cons.Current	612A	449A	357A	290A	225A	142A	80.5A	62.1A	39A	23.0A	12.2A
Cons. Power	6570W	4938W	3918W	3190W	2538W	1674W	925W	714W	490W	276W	139W

Chuphotic EX12230-3900W Rev.1.00