

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 in Extremely High Power output 15%

**Feature**

- Smart UPS Battery Design up to 15%
- Battery Capacity 33Ah / 1000W-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**

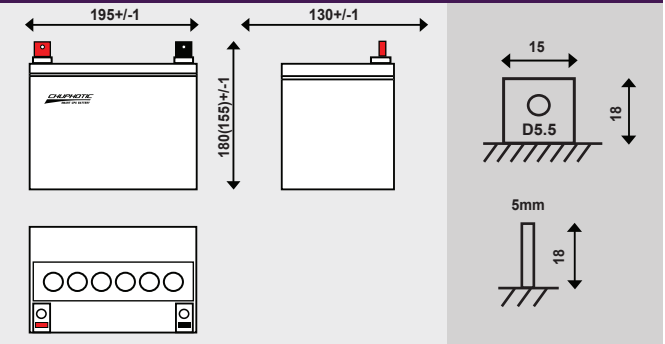
- UPS & EPS
- Emergency System
- Communication Eq.
- Security System
- Control Equipment
- Solar System
- Medical Equipment
- Cable TV & CCTV

**Specifications**

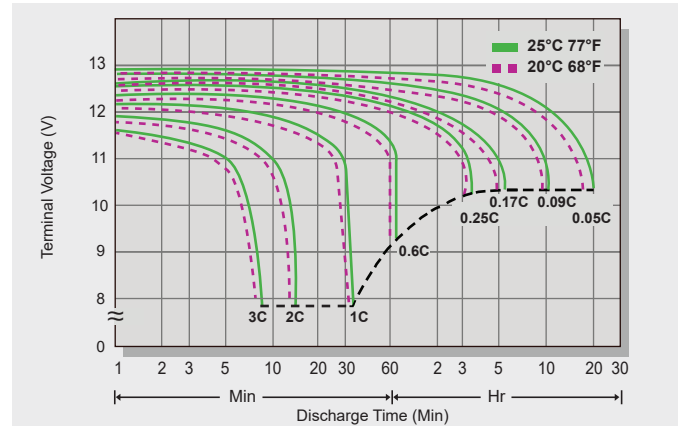
Voltage Normal	: 12 VDC in 6 Cell
Capacity @20Hr	: 33Ah @1.70A/ 20.5W
@ 5Hr	: 26.4Ah @5.28A/ 62.7W
@ 1Hr	: 18.1Ah @18.1A/ 203W
@15min	: 12.5Ah @50.2A/ 552W (*UPS)
@ 5min	: 7.6Ah @92.2A/ 985W (*UPS)
Max. Discharge	: 460A @14C
Max. Charge Current	: 10.0A @0.3C
Internal Resistance	: Apporx. 12 mΩ Full Charge at 25°C
Design Float Life	: 5 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	: T14-M5
Container Material	: ABS UL94 HB-0 (Option :UL94V-0)
Physical	: 195x130x180mm – 10.0 Kgs



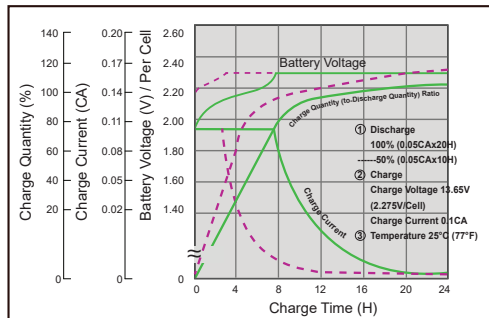
**Dimension 195x130x180mm Weight = 10.2kgs @T15m5**



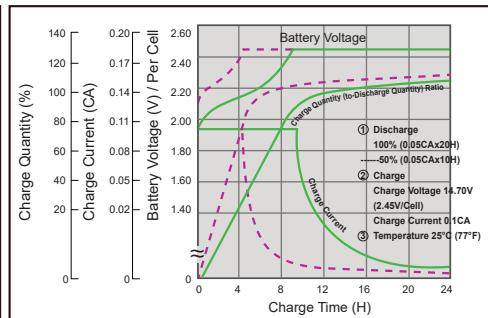
**Terminal Voltage (V) and Discharge Time**



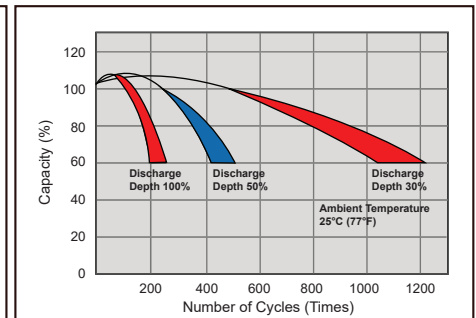
Battery Voltage and Charge Time for Standby Use



Battery Voltage and Charge Time for Cycle Use



Cycle Service Life



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

Chuphotic.BRO-13.BATT UB1233-1000W 12V-33Ah.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	23%	32%	37%	40%	45%	57%	66%	73%	80%	94%	100%
Cons. Current	98.7A	69.6A	54.1A	43.7A	33A	21A	12A	8.9A	5.8A	3.4A	1.8A
Cons. Power	1014W	756W	598W	480W	374W	24W	138W	104W	68W	41W	22W