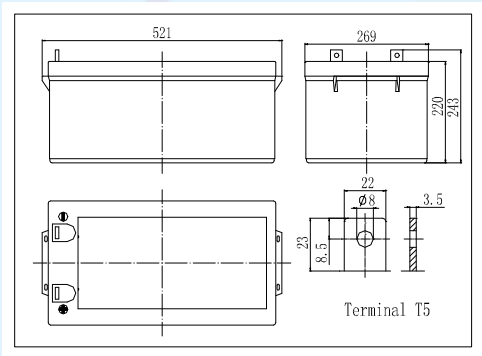
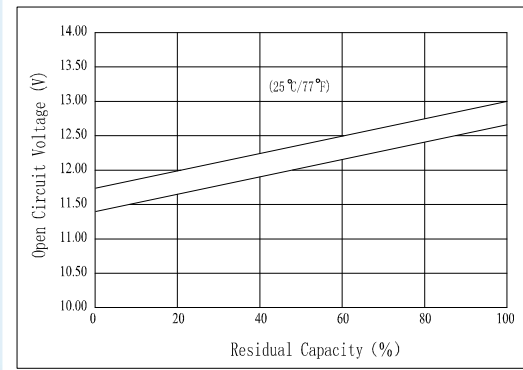


Dimensions



The Relationship for Open Circuit Voltage and Residual Capacity (25°C)

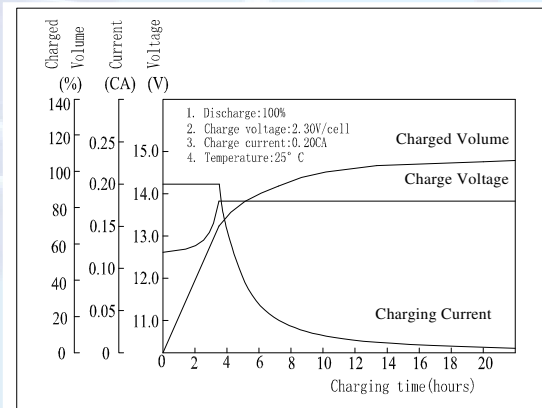


Specifications

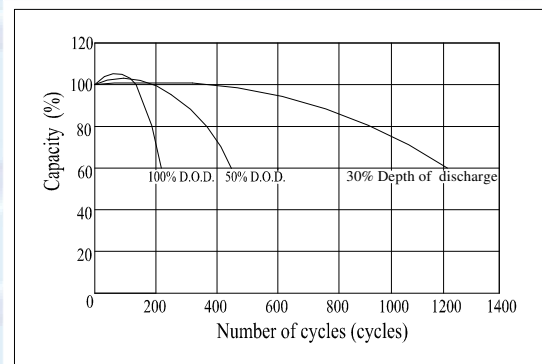
Nominal Voltage	12 V	
Capacity(10HR, 25°C)	255 Ah	
Dimension	Length	521mm (20.5inch)
	Width	269mm (10.6inch)
	Height	220mm (8.66inch)
	Total Height	242mm (9.53inch)
Approx. Weight	78kg (172lbs)	
Internal resistance (Fully charged, 25°C)	Approx. 2.6mΩ	
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature	25°C±3°C (77°F±5°F)	
Operating temperature range	-15°C~50°C (5°F~122°F)	
Float charging voltage(25°C)	13.50 to 13.80V	
Cyclic charging voltage(25°C)	14.50 to 14.90V	
Maximum charging current	75A	
Terminal material	Copper	
Maximum discharge current	1800A(5 sec.)	

- AGM and VRLA technology;
- Recognized by UL & CE;
- ABS container. Orange, Blue or Black Color.

Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	775	525	415	265	163	63.9	45.7	25.4	13.4
10.2V	736	499	398	254	156	63.0	45.0	25.2	13.3
10.8V	692	469	378	242	149	61.7	44.1	25.0	13.2

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	8138	5670	4557	2973	1858	752	540	303	161
10.2V	7731	5387	4374	2854	1784	741	532	300	159
10.8V	7267	5063	4156	2712	1695	726	521	300	158