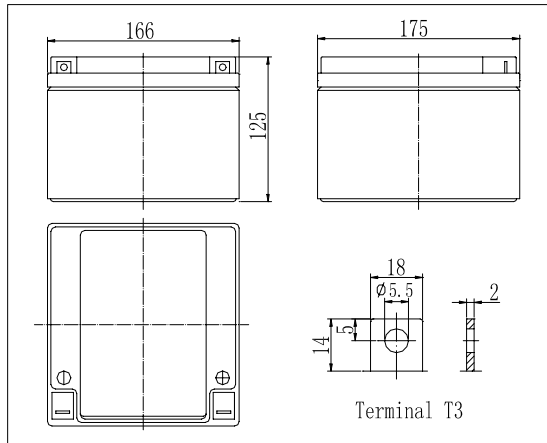


Dimensions

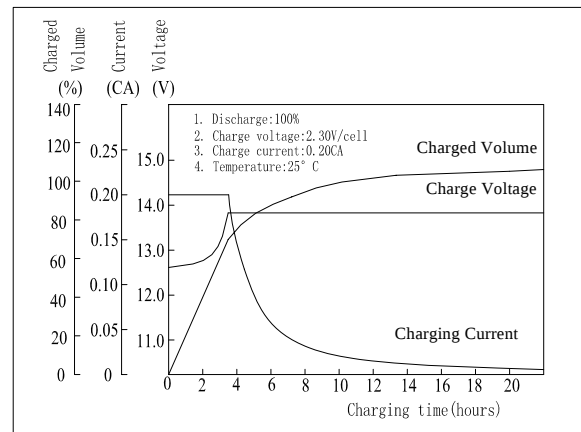
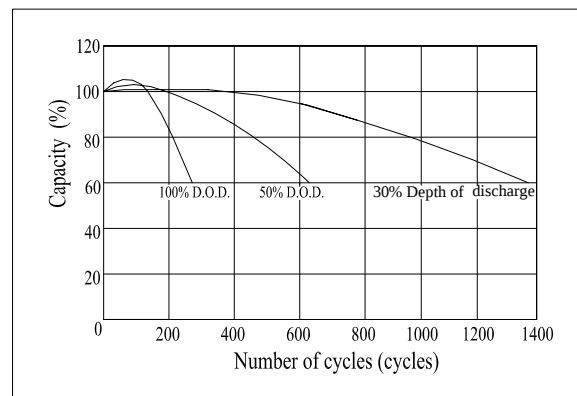
◆ ABS container.

**Specifications**

Nominal Voltage		12 V
Capacity(20HR, 25°C)		28Ah
Dimension	Length	166mm (6.54inch)
	Width	175mm (6.89inch)
	Height	125mm (4.92inch)
	Total Height	125mm (4.92inch)
Approx. Weight		9.0kg (20.3lbs)
Internal resistance (Fully charged, 25°C)		Approx. 10m Ω
Capacity affected by temperature (20HR)	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)		13.60 to 13.80V
Cyclic charging voltage(25°C)		14.50 to 14.90V
Maximum charging current		8.4A
Terminal material		Copper
Maximum discharge current		420A(5 sec.)

◆ Absorbent glass mat technology;

◆ Recognized by UL & CE;

Charging Characteristics(25°C)**Cycle Life(25°C)**

Note: Floating life at 20°C designed for 3 to 5 years.

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	110	69.4	50.5	29.8	19.2	7.11	4.87	2.64	1.42
10.2V	105	65.9	48.5	28.6	18.4	7.00	4.80	2.62	1.41
10.8V	98.4	61.9	46.1	27.2	17.5	6.86	4.70	2.60	1.40

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	1229	782	576	341	222	84.4	58.2	31.7	17.1
10.2V	1168	743	553	328	213	83.2	57.3	31.4	16.9
10.8V	1098	699	525	311	203	81.5	56.2	31.4	16.8

