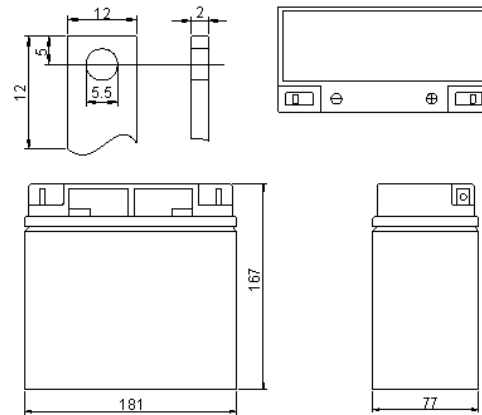




Sealed Lead-Acid Batteries

PS18-12(12V18Ah)



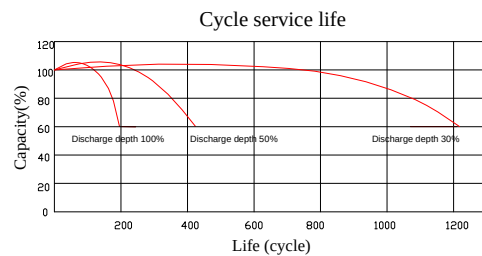
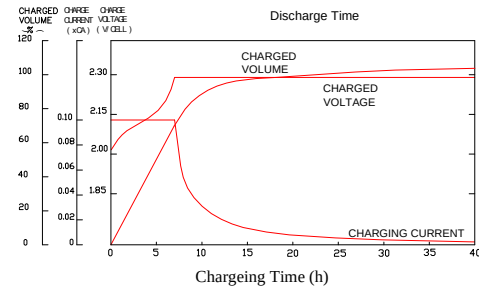
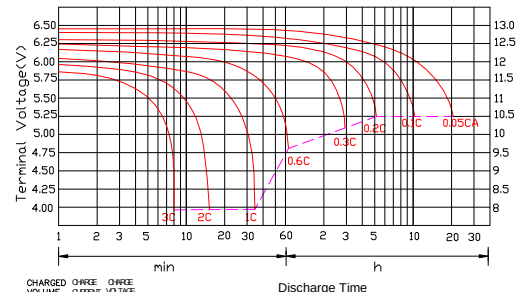
Specifications

Nominal Voltage		12V
Rated Capacity		18Ah
Dimensions	Total Height	6.57 inches (167mm)
	Height	6.57 inches (167mm)
	Length	7.12 inches (181mm)
	Width	3.03 inches (77mm)
Approximate Weight		11.44 lbs. (5.2kg)

Characteristic

Capacity 77°F(25°C)	20h rate	18Ah
	10h rate	17.1Ah
	5h rate	14.4Ah
	1h rate	12.2Ah
	15 min rate	8.3Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 16mΩ
Capacity Affected by Temperature (20h rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 month storage	90%
	6 month storage	80%
	12 month storage	60%
Max. Discharge Current 77°F(25°C)	255A(5s)	
Terminal	T3/T10	
Charge (Constant Voltage, 25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 5.4 A
	Float	13.6~13.8V(-18mV/°C)

DISCHARGE CHARACTERISTICS AT 25°C (77°F)



Constant Current Discharge Characteristics (A, 25°C)

F.V./TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	70.0	45.0	36.0	20.0	12.0	4.47	3.05	1.73	0.91
10.2V	66.5	42.8	34.6	19.2	11.5	4.40	3.00	1.71	0.91
10.5V	62.5	40.2	32.8	18.2	10.9	4.31	2.94	1.70	0.90

Constant Wattage Discharge Characteristics (Watt, 25°C)

F.V./TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	781	508	410	229	139	53.1	36.4	20.7	11.0
10.2V	742	482	394	220	133	52.3	35.8	20.5	10.9
10.5V	698	453	374	209	127	51.2	35.1	20.5	10.8