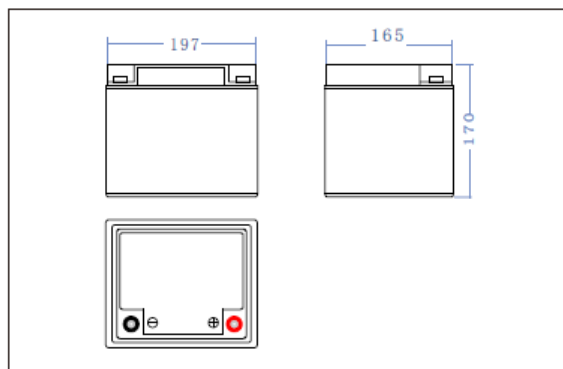


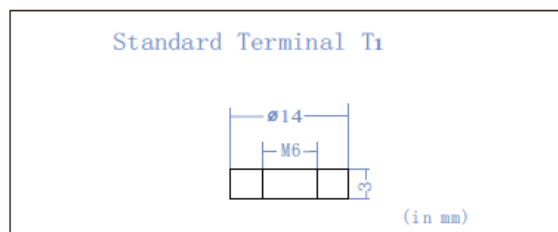
AGM23 12V/44Ah



Dimensions (mm)



Terminal Type



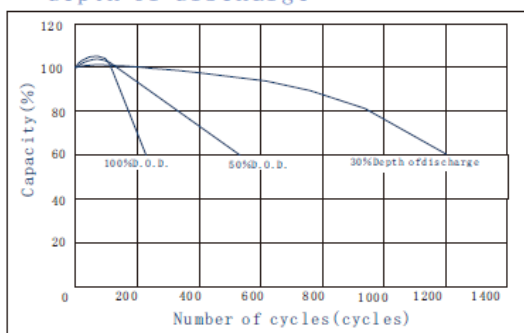
Electrical Specification

Capacity 25°C (77° F)	10hour rate (4.4A)	44.0Ah
	5 hour rate (7.48A)	37.4Ah
	1 hour rate (24.2A)	26.4Ah
Capacity Affected by Temperature (20hour rate)	40°C (104° F)	102%
	25°C (77° F)	100%
	0°C (32° F)	85%
	-15°C (5° F)	65%
Internal Resistance	Full charged battery 77° F (25°C)	12mΩ
	Self-Discharge at 25°C (77° F)	Capacity after 3month storage: 91% Capacity after 6month storage: 82% Capacity after 12 month storage: 64%
Charge (constant Voltage)	Cycle	Initial Charging Current less than 1A Voltage 14.40-14.90V
	Float	Voltage 13.50-13.80V

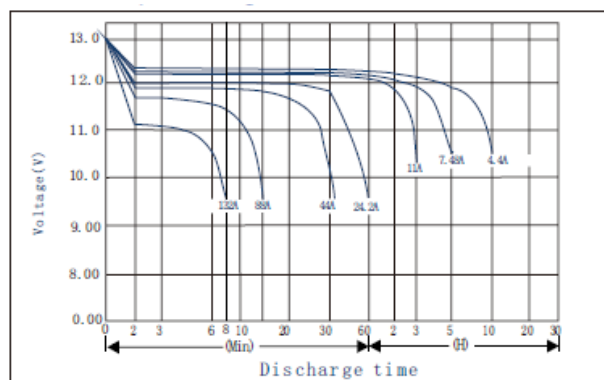
Physical specification

Nominal Voltage	12V	
Nominal Capacity (10HR)	44AH	
Dimensions	Length	197±1mm (7.76 inches)
	Width	165±1mm (6.50 inches)
	Container Height	170±2mm (6.69 inches)
	Total height	170±2mm (6.69 inches)
Weight	Approx 12.7kg (27.94lbs)	
Standard Terminal	T1	

Cycle service life in relation to depth of discharge



Discharge Characteristics after fully charged (25°C, 77°F)



Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C, (77°F)

time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	92	73	44.0	27.3	16.1	11.2	9.2	7.8	5.4	2.3
	W	988	794	491	309	185	131	108	92	64	28.1
9.90V	A	89.8	70.8	43.1	26.9	16.0	11.2	9.2	7.8	5.4	2.3
	W	963	777	483	306	184	131	108	92	64	28.1
10.20V	A	86	68	41.8	26.2	15.8	11.1	9.1	7.7	5.3	2.3
	W	924	751	469	299	183	130	107	92	63	28.1
10.50V	A	82	66	40.8	25.5	15.6	11.0	9.0	7.7	5.3	2.3
	W	889	729	460	292	181	129	106	91	63	27.9
10.80V	A	77	62	39.3	24.9	15.2	10.7	8.8	7.5	5.1	2.3
	W	839	693	444	286	177	126	104	89	61	27.7