

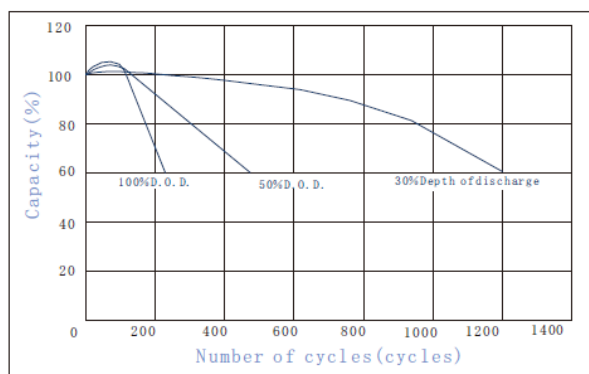
AGM18 12V/2.3Ah



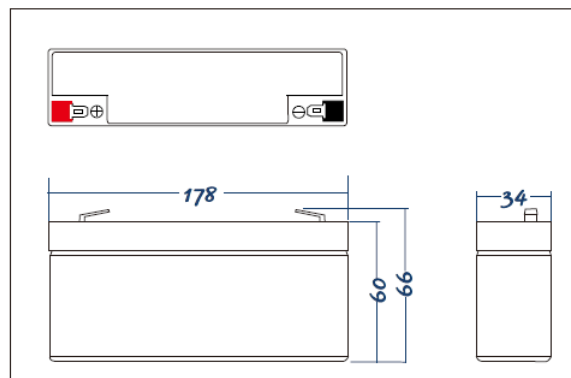
Electrical Specification

Capacity 25°C (77° F)	20hour rate (0.115A)	2.30Ah
	27min rate (2.3A)	1.035Ah
	7min rate (6.9A)	0.805Ah
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)	45mΩ
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 0.69A Voltage 14.40-14.90V
	Float	Voltage 13.50-13.80V

Cycle service life in relation to depth of discharge

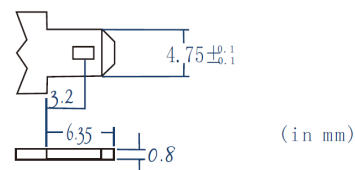


Dimensions (mm)



Terminal Type

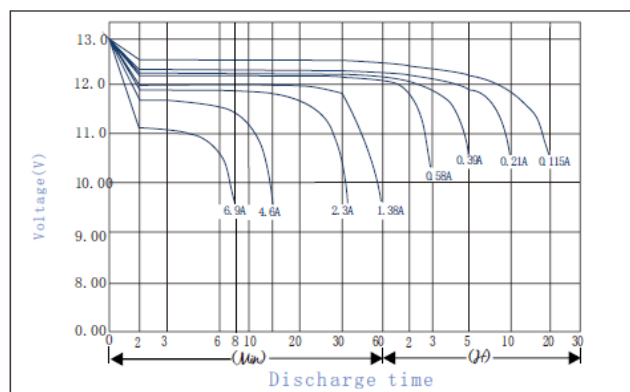
Standard Terminal
F1 (Fasten Tab No. 175)



Physical specification

Nominal Voltage	12V	
Nominal Capacity (20HR)	2.3AH	
Dimensions	Length	178±1mm (7.01 inches)
	Width	34±1mm (1.34 inches)
	Container Height	60±2mm (2.36 inches)
	Total height	66±2mm (2.60 inches)
Weight	Approx 0.93kg (2.046 lbs)	
Standard Terminal	F1	

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



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

Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	9.20	6.21	4.37	2.65	1.38	0.81	0.59	0.48	0.40	0.27	0.120
	W	97.7	65.9	4.64	28.1	15.9	9.30	6.85	5.50	4.67	3.08	2.52
10.20V	A	8.28	5.65	3.93	2.51	1.30	0.77	0.58	0.46	0.40	0.26	0.120
	W	91.9	62.7	43.6	27.9	15.0	8.90	6.66	5.33	4.58	3.03	2.47
10.50V	A	7.83	5.38	3.68	2.43	1.25	0.76	0.57	0.44	0.39	0.26	0.115
	W	88.7	61.0	41.7	27.6	14.5	8.80	6.55	5.06	4.55	3.00	2.45
10.80V	A	7.28	5.10	3.45	2.37	1.21	0.74	0.56	0.43	0.37	0.25	0.113
	W	84.7	59.2	40.2	27.5	14.1	8.60	6.47	5.00	4.35	2.88	2.40
11.10V	A	6.90	4.83	3.22	2.30	1.17	0.72	0.53	0.42	0.36	0.25	0.111
	W	82.1	57.4	38.2	27.3	13.9	8.50	6.28	4.98	4.26	2.78	2.35