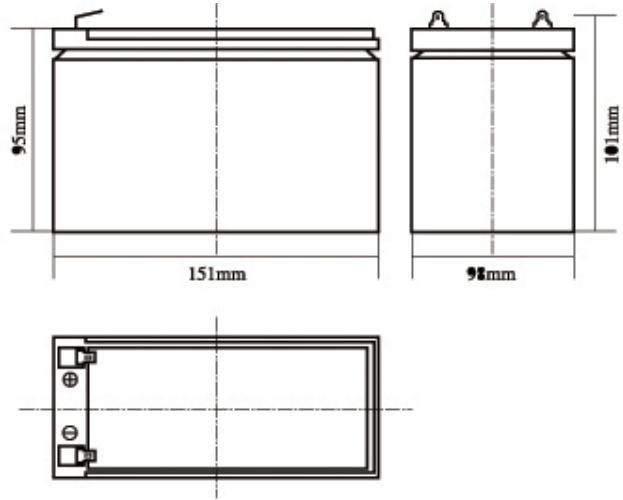




PRODUCT SERIES: ABS12-12



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		12AH
Dimension	Total Height (with terminals)	101mm (3.98in)
	Height	95mm (3.7in)
	Length	151mm (5.94in)
	Width	98mm (3.86in)
Weight		3.89kgs

Characteristics

Capacity (77°F / 25°C)	20 hour rate (600mA)	12AH
	10 hour rate (1.1A)	11AH
	5 hour rate (2.04A)	10.2AH
	1 hour rate (7.2A)	7.2AH
	15 min rate (22.2A)	5.55AH
Internal Resistance	Fully Charged 77°F (25°C)	15mΩ
Capacity Affected by Temperature (20 hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self Discharge (77°F / 25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current (77°F / 25°C)	180A (5S)	
Terminal	Standard	F1
Charging (Constant)	Cycle	Initial Charging Current 2.4A or Smaller 14.5~14.9V/ 77°F (25°C)

Voltage)	Float	13.6~13.8V/77°F (25°C)
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**Constant Wattage Discharge Ratings
(Watts per Cell at 77°F/25°C)**

Cut-Off Voltage	5min	10min	15min	30min	40min	60min
1.60V	86.5	58.3	44.5	27.2	21.7	15.7
1.65V	88.2	59.5	45.4	27.7	22.2	16.0
1.70V	89.3	60.2	45.9	28.1	22.4	16.2
1.75V	91.3	61.5	46.9	28.7	22.9	16.6
1.80V	93.8	63.2	48.2	29.5	23.6	17.0

Discharge Characteristics (77°F/25°C)

