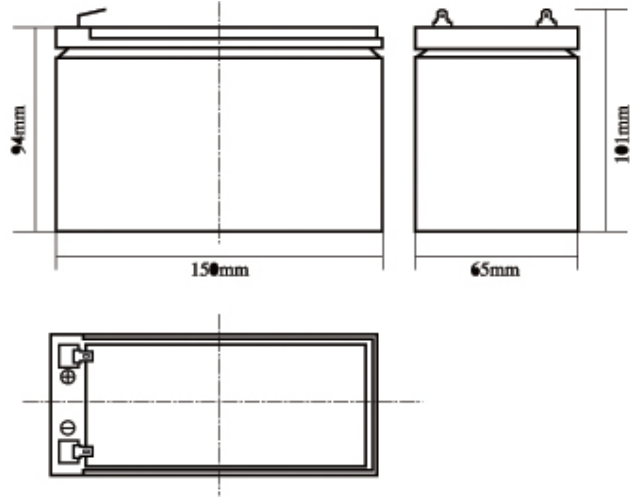




PRODUCT SERIES: ABS12-7



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		7AH
Dimension	Total Height (with terminals)	101mm (3.98in)
	Height	95mm (3.74in)
	Length	150mm (5.94in)
	Width	65mm (2.56in)
Weight		2.35kgs

Characteristics

Capacity (77°F / 25°C)	20 hour rate (350mA)	7AH
	10 hour rate (650mA)	6.5AH
	5 hour rate (1.2A)	6.0AH
	1 hour rate (4.2A)	4.2AH
	15 min rate (12.8A)	3.2AH
Internal Resistance	Fully Charged 77°F (25°C)	25mΩ
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)		105A (5S)
Terminal	Standard	F1
Charging (Constant Voltage)	Cycle	Initial Charging Current 1.4A or Smaller 14.5~14.9V/ 77°F (25°C)
	Float	13.6~13.8V/77°F (25°C)

Constant Wattage Discharge Ratings (Watts per Cell at 77°F/25°C)

Cut-Off Voltage	5min	10min	15min	30min	40min	60min
1.75V	50.4	34.0	25.9	15.9	12.7	9.2
1.70V	51.5	34.7	26.5	16.2	12.9	9.4
1.67V	52.1	35.1	26.8	16.4	13.1	9.5
1.60V	53.2	35.9	27.4	16.7	13.4	9.7
1.50V	54.7	36.9	28.1	17.2	13.6	9.9

Discharge Characteristics (77°F/25°C)

