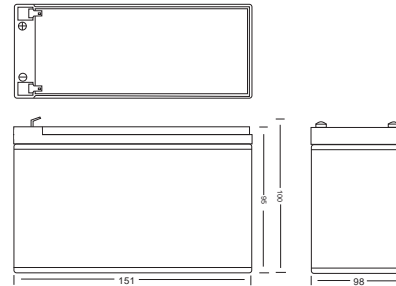




Dimensions (mm)



Specifications

Nominal Voltage		12 V
Rated Capacity (20 hours rate)		12Ah
Dimensions (± 2mm)	Total Height (with terminals)	101mm
	Length	144mm
	Width	92mm
	Height	87mm
Approx. Weight		4.0 kg
Terminal	Standard	F1
	Optional	F2

Characteristics

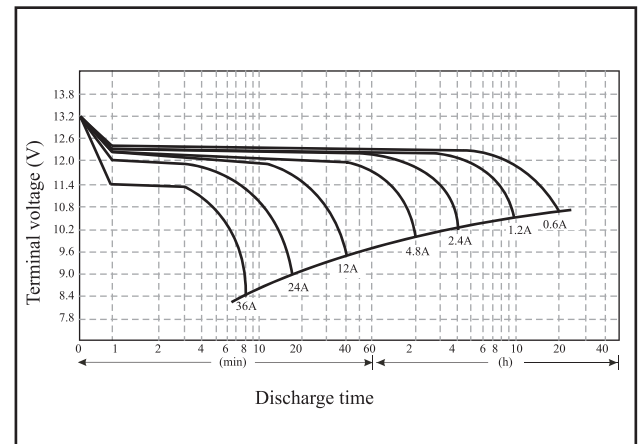
Capacity (25°C)	10 hour rate (1.1A)	11AH	
	5 hour rate (2.0A)	10.2AH	
	1 hour rate (7.2A)	7.2AH	
	15 min rate (22.2A)	5.55AH	
Internal Resistance	Fully charged Battery 25°C	Approx. 15m	
Capacity affected by temperature (20 hour rate)	40°C	102%	
	25°C	100%	
	0°C	85%	
	-15°C	65%	
Self Discharge (25°C)	Capacity after 3 months storage	91%	
	Capacity after 6 months storage	82%	
	Capacity after 12 months storage	64%	
Charge Method (Constant Voltage)	Cycle use	Initial Current	3A or smaller
		Control Voltage	14.5 to 15.0V (25°C)
	Standby use	Initial Current	3A or smaller
		Control Voltage	13.6 to 13.8V (25°C)

Constant wattage discharge (Watts/battery@25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	276.8	218.2	115.2	73.8	33.9	22.2	15.2	12.6	6.5
1.80V	346.7	253.9	129.3	78.6	33.9	22.2	15.2	12.6	6.7
1.75V	370.0	257.6	130.9	80.5	36.5	23.6	15.7	13.1	7.1
1.70V	385.0	266.5	135.8	84.0	36.5	23.8	16.1	13.2	7.1
1.60V	421.9	284.6	140.6	84.4	36.6	23.8	16.1	13.5	7.2

* The above data are average and obtained within three charge/discharge cycles. Cycles not the minimum values.

Discharge Characteristics



Discharge current & Duration Time

