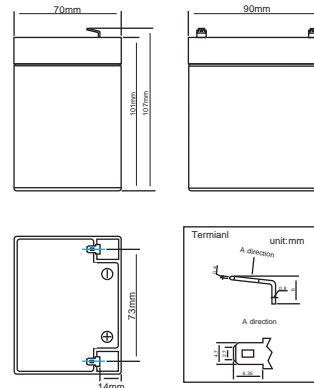




Dimensions (mm)



Specifications

Nominal Voltage		12V
Rated Capacity (20 hours rate)		5Ah
Dimensions (± 2mm)	Total Height (with terminals)	106mm
	Length	90mm
	Width	70mm
	Height	101mm
Approx. Weight		1.7 kg
Terminal	Standard	F1
	Optional	F2

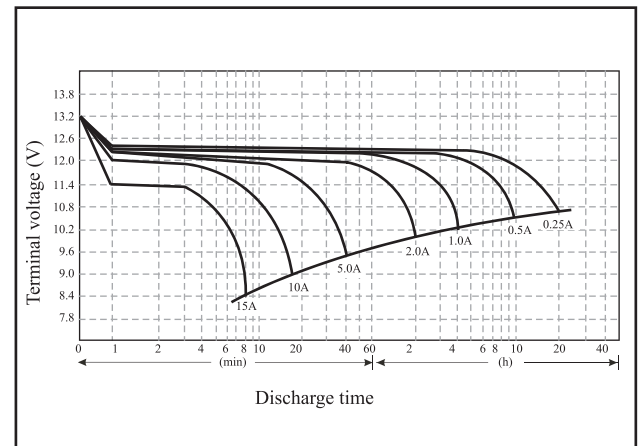
Characteristics

Capacity (25°C)	10 hour rate (470mA)	4.7 AH	
	5 hour rate (860A)	4.3 AH	
	1 hour rate (3A)	3 AH	
	15 min rate (8.8A)	2.2 AH	
Internal Resistance	Fully charged Battery 25°C	Approx. 33m	
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	1.25A or smaller
		Control Voltage	14.5 to 14.9V (25°C)
	Standby use	Initial Current	1.25A or smaller
		Control Voltage	13.6 to 13.8V (25°C)

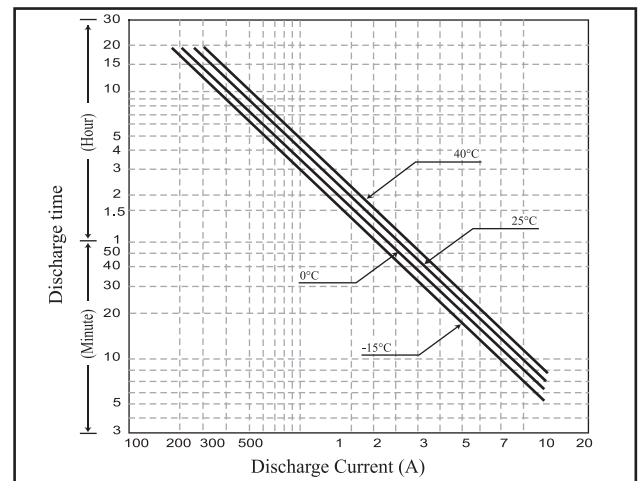
Constant wattage discharge (Watts/battery@25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	115.4	90.9	48.0	30.8	14.1	9.3	6.3	5.3	2.7
1.80V	144.5	105.8	53.9	32.7	14.2	9.4	6.3	5.3	2.8
1.75V	150.0	106.4	55.2	33.6	15.2	9.6	6.6	5.4	3.0
1.70V	160.4	111.1	56.6	34.2	15.2	9.9	6.7	5.5	3.0
1.60V	175.8	119.6	58.6	35.2	15.3	9.9	6.7	5.6	3.0

Discharge Characteristics



Discharge current & Duration Time



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