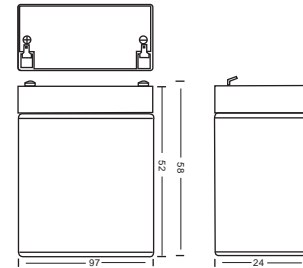


HGL1.3-6

Valve Regulated Sealed Lead-Acid Battery



Dimensions (mm)



Specifications

Nominal Voltage		6V
Rated Capacity (20 hours rate)		1.3Ah
Dimensions (± 2mm)	Total Height (with terminals)	58 mm
	Length	97mm
	Width	24mm
	Height	52mm
Approx. Weight		0.32kg
Terminal	Standard	F1
	Optional	

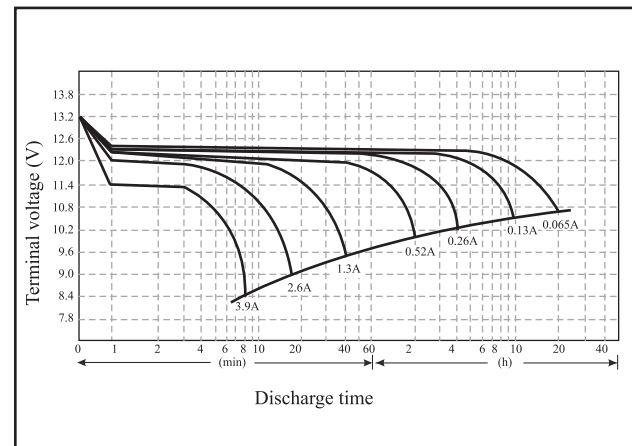
Characteristics

Capacity (25°C)	10 hour rate (120mA)	1.2AH	
	5 hour rate (220mA)	1.1AH	
	1 hour rate (780mA)	0.78AH	
	15 min rate (2.32mA)	0.58AH	
Internal Resistance	Fully charged Battery 25°C	Approx. 48m	
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	0.3A or smaller
		Control Voltage	7.25 to 7.45V (25°C)
	Standby use	Initial Current	0.3A or smaller
		Control Voltage	6.8 to 6.90V (25°C)

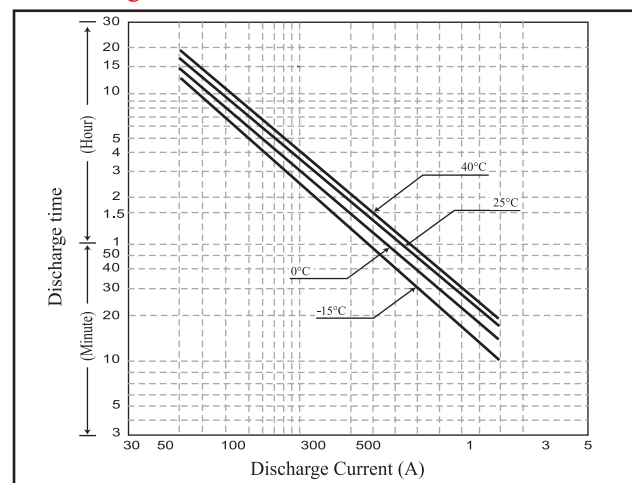
Constant wattage discharge (Watts/battery@25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	15.0	11.8	6.2	4.0	1.8	1.2	0.8	0.7	0.3
1.80V	19.0	13.7	7.1	4.3	1.9	1.2	0.8	0.7	0.4
1.75V	15.9	13.8	7.1	4.3	1.9	1.2	0.8	0.7	0.4
1.70V	20.8	14.4	7.3	4.5	2.0	1.3	0.9	0.7	0.4
1.60V	22.8	15.5	7.6	4.6	2.0	1.3	0.9	0.7	0.4

Discharge Characteristics



Discharge current & Duration Time



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