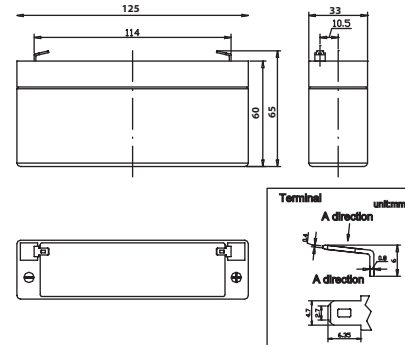


HGL3.0-6

Valve Regulated Sealed Lead-Acid Battery



Dimensions (mm)



Specifications

Nominal Voltage		6 V
Rated Capacity (20 hours rate)		3Ah
Dimensions (± 2mm)	Total Height (with terminals)	65mm
	Length	125mm
	Width	33mm
Height		60mm
Approx. Weight		0.63kg
Terminal	Standard	F1
	Optional	

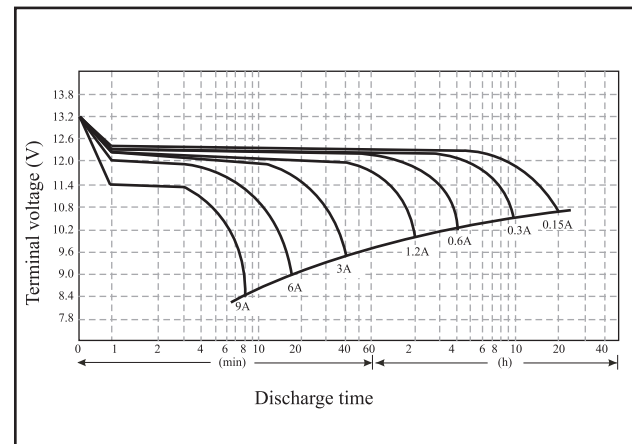
Characteristics

Capacity (25°C)	10 hour rate (150ma)	3AH	
	5 hour rate (279ma)	2.79AH	
	1 hour rate (510ma)	2.55AH	
	15 min rate (1.8ma)	1.8AH	
Internal Resistance	Fully charged Battery 25°C	Approx. 40m	
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	0.75A or smaller
		Control Voltage	7.20 to 7.50V (25°C)
	Standby use	Initial Current	0.96A or smaller
		Control Voltage	6.75 to 6.90V (25°C)

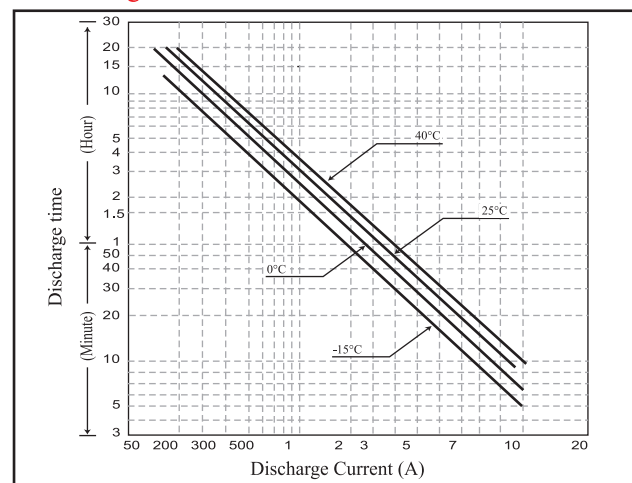
Constant wattage discharge (Watts/battery@25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	34.6	27.3	14.4	9.3	4.2	2.75	1.9	1.6	0.8
1.80V	43.3	31.7	16.1	9.8	4.3	2.80	1.9	1.6	0.85
1.75V	45.0	31.9	16.6	10.1	4.5	2.90	1.95	1.6	0.9
1.70V	48.1	33.3	17.0	10.5	4.5	2.95	2.0	1.65	0.9
1.60V	52.7	35.9	17.6	10.5	4.6	2.95	2.0	1.70	0.9

Discharge Characteristics



Discharge current & Duration Time



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