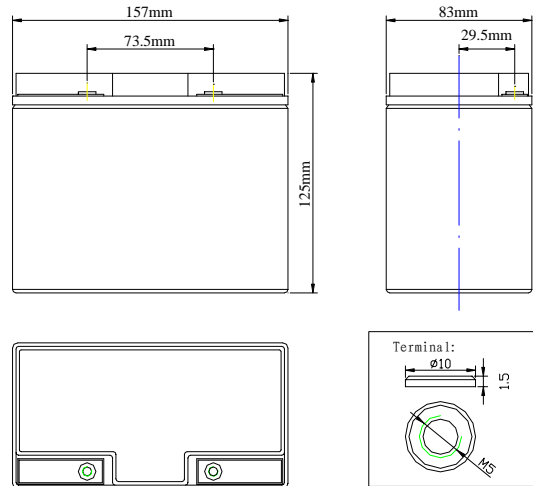


□ HGL20-6



Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		20AH
Dimension	Total Height (with terminals)	125mm(4.92inches)
	Height	125mm(4.92inches)
	Length	157mm(6.18inches)
	Width	83mm(3.27inches)
Weight		Approx.4.00kg (8.82lbs)

Characteristics

Capacity 77°F (25°C)	20 hour rate (1.0 A to 10.5Volts)		20AH
	10 hour rate (1.86A to 10.5Volts)		18.6AH
	5 hour rate (3.4A to 10.2Volts)		17AH
	1 hour rate (12A to 9.6Volts)		12AH
Internal Resistance	Full charged 77°F (25°C)		7m Ω
Standard Terminal	M5		
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)	300A (5s)		
Maximum Charge Current(A)	2A		
Charging (Constant Voltage)	Cycle	7.25V~7.45V/77°F (25°C)	
	Float	6.8V~6.9V/77°F (25°C)	
Temperature compensation coefficient of charging voltage (mV/°C/cell)	Cycle	-4mV/°C/cell	
	Float	-3mV/°C/cell	

Constant Current Discharge Rating Amperes @ 77°F (25°C)

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	30.83	19.00	13.98	11.14	6.57	4.90	3.39	2.275	1.860	1.583	1.000	0.837

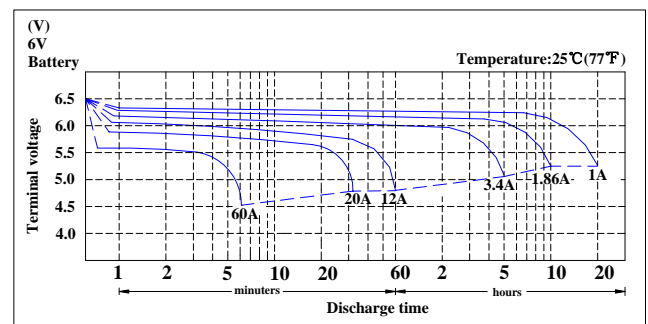
Note The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

FULLRIVER

HGL BATTERIES

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specification are subject to modification without notice. Contact Fullriver for the latest information.

Discharge characteristics 77°F (25°C)



Duration of discharge vs. Discharge current

