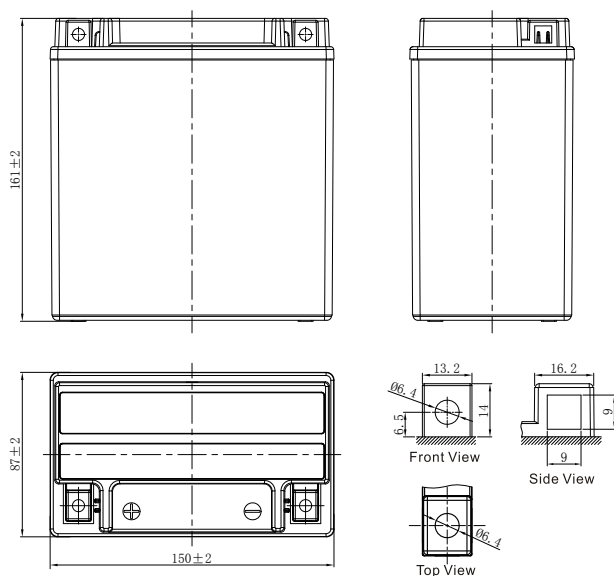


# MAINTENANCE-FREE MOTORCYCLE BATTERY

HPG20CH-4-1 (12V18Ah)



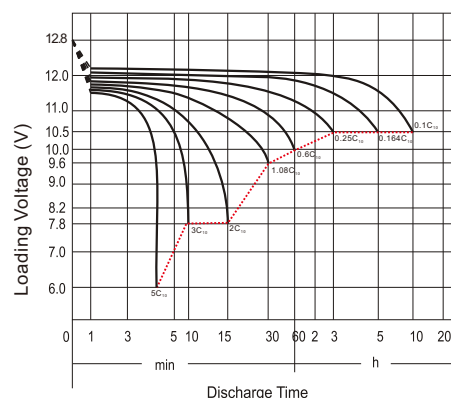
## GENERAL FEATURES

- Longer lifespan
- Lower self-discharge
- Totally Maintenance-free
- Shipped pre-charged and ready to install

## CHARACTERISTICS

Item		Specifications
Nominal Voltage		12V
Nominal Capacity (10HR)		18Ah
Cold Cranking Performance Amps@0°F (-18°C)		230A
Dimension (±2mm)	Length	150mm (5.91inches)
	Width	87mm (3.43inches)
	Container Height	161mm (6.34inches)
	Total Height	161mm (6.34inches)
Battery (with acid)	Approx Weight	5.53kg (12.2lbs)
Terminal type		A
Battery type	HPG Series	
Voltage Full Charge	Constant-Voltage Charge:	
	Initial charging current	Less than 0.3C <sub>10</sub>
	14.40V~15.00V at 25°C (77°F)	
	Charging time	15~18h
	Constant-Current Charge:	
Floating Charge Voltage	Charging current 0.1C <sub>10</sub> , when charging voltage up to 14.40V, continue to charge 4h	
	Initial charging current	Unlimited
	13.50V~13.80V at 25°C (77°F)	
Capacity affected by Temperature	40°C (104°F)	106%
	25°C (77°F)	100%
	0°C (32°F)	86%
	-15°C (5°F)	65%

## Discharge Characteristics (25°C, 77°F)



\*Values are subject to variation of +/- 5% in normal manufacturing processes.

Leoch International Technology Ltd.  
[www.leoch.com](http://www.leoch.com)

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[www.leoch.sg](http://www.leoch.sg)

Leoch Battery Corporation  
[www.leochamericas.com](http://www.leochamericas.com)

Leoch Europe S.A.  
[www.leoch.eu](http://www.leoch.eu)