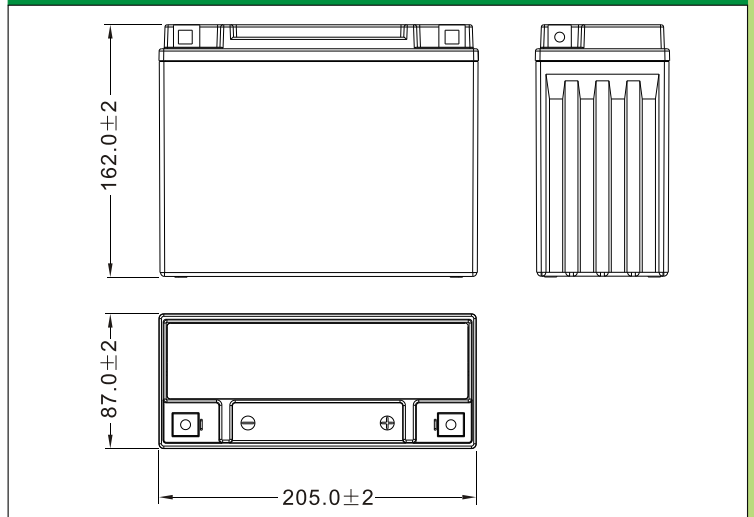


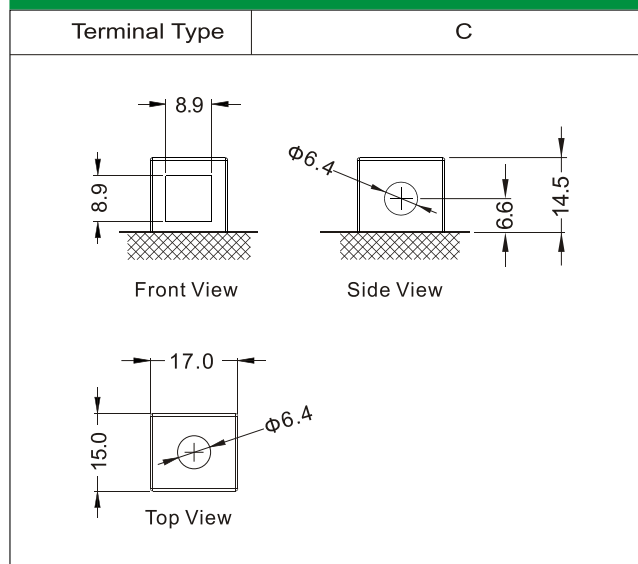
HPG24A-3 [12V21Ah]



Dimensions (mm)



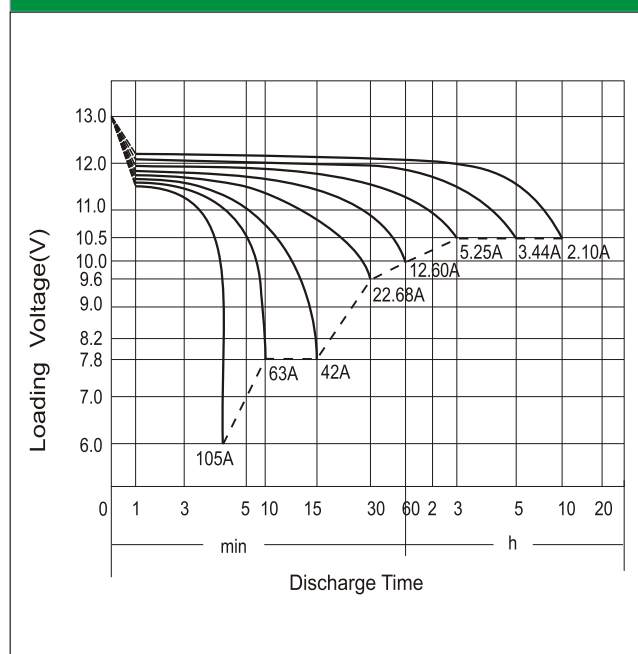
Standard Terminal (mm)



Physical Specification

Nominal Voltage		12V
Nominal Capacity (10HR)		21AH
Dimension	Length	205±2mm (8.07 inches)
	Width	87±2mm (3.43 inches)
	Container Height	162±2mm (6.38 inches)
	Total Height (with Terminal)	162±2mm (6.38 inches)
Weight	Battery(with acid): Approx 6.85kg (15.08lbs)	
	Electrolyte: Approx 1.45kg (3.19lbs)	
* 100% leak-proof and spill-proof to 360° * Totally Maintenance-free * Longer lifespan * Lower self discharge * Powerful 300 cold cranking amps * Shipped pre-charged and ready to install * Replaces LT24-3-1(J) battery		

Discharge Characteristics (25°C, 77°F)



Electrical Specification

Rated Capacity	10 hour rate (2.10 A)	21.00AH
	5 hour rate (3.44 A)	17.22AH
	2 hour rate (7.35 A)	14.70AH
	1 hour rate (12.60 A)	12.60AH
	0.5 hour rate (22.68 A)	11.34AH
Capacity affected by Temperature	40 °C (104 °F)	106%
	25 °C (77 °F)	100%
	0 °C (32 °F)	86%
	-15 °C (5 °F)	65%
Self Discharge	Approximately 2% per month (25°C (77°F))	
Charging Methods	Full Charge	Constant-Voltage Charge: Initial charging current: less than 6.3A Voltage: 14.40 V ~ 15.00 V at 25 °C (77 °F) Charging time: 15 ~18h Constant-Current Charge: Charging current: 0.1C ₁₀ =2.10A, when charging voltage up to 14.40V, continue to charge 4h
	Floating Charge	No limit on Initial charging current Voltage: 13.50 V ~ 13.80 V at 25 °C (77 °F)