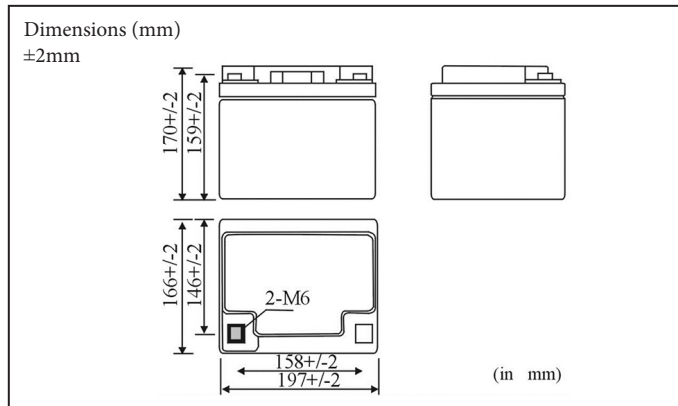


PHYSICAL SPECIFICATION

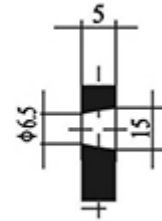
Nominal Voltage		12V
Nominal Capacity (20HR)		40AH
Dimensions	Length	197 ± 2mm (7.76 inches)
	Width	166 ± 2mm (6.57 inches)
	Container Height	170 ± 2 mm (6.69 inches)
	Total Height	170 ± 2mm (6.69 inches)
Weight		Approx 12.5 kg (27.5 lbs)
Standard Terminal		B3 Bolt-and-nut lead Terminal Bolt Type: M5

PRB12400(12V40AH)

Major Application(s):
High-rate discharge applications

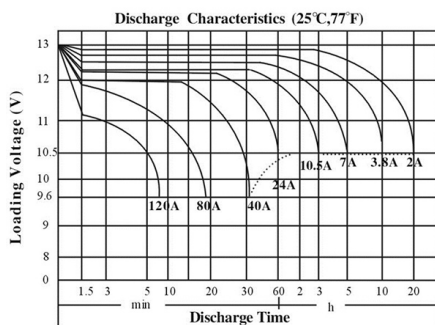


Standard Terminal
B3 (Bolt-and-nut lead terminal
Bolt Type: M5



ELECTRICAL SPECIFICATION

Capacity	20 hour rate (2.0A)	40.0AH	It is recommended to use constant-voltage charge and recharge immediately after use	
	10 hour rate (3.8A)	38.0AH		
	5 hour rate (7.0A)	35.0AH	Constant-Voltage Charge	Cycle
	3 hour rate (10.5A)	31.5AH		Initial Charging Current less than 12A Voltage 14.4V~15.0V at 25°C (77°F) Temperature Coefficient -30mV/°C
	1 hour rate (24.0A)	24.0AH		Standby
Capacity Affected by Temperature	40°C (104°F)	102%	No Limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temperature Coefficient -20mV/°C	
	25°C (77°F)	100%		
	0°C (32°F)	85%		
Internal Resistance	Fully charged battery (25°C, 77°F) 8mΩ			



Discharging Current & Discharge Duration Time

