

# Datasheet

## Lithium Ion Battery GPB-0120500-HC

12 V (12.8 V) / 50 Ah Battery for General Purpose

### Technical data:

Nominal voltage:	12.8 V
Nominal capacity (one hour):	50 Ah
Standard charge:	Max. 50 A CC (constant current) charge until 14.6 V, followed by CV (constant voltage) 14.6 V, until I = 2.5 A
Maximum discharge current:	50 A
Maximum peak current:	100 A (3s)
Cut off voltage:	10 V
Operation Temperature Range:	Charge : 0 - 45°C Discharge: -20 - 55°C
Storage Temperature Range:	-5 - 35°C
Weight:	5.3 kg ± 5 %

**Dimensions:**

H<sub>Max.</sub>: 169 mm

W<sub>Max.</sub>: 165 mm

L<sub>Max.</sub>: 197 mm

