

Technical specification

Lithium Battery LP12V20AHB

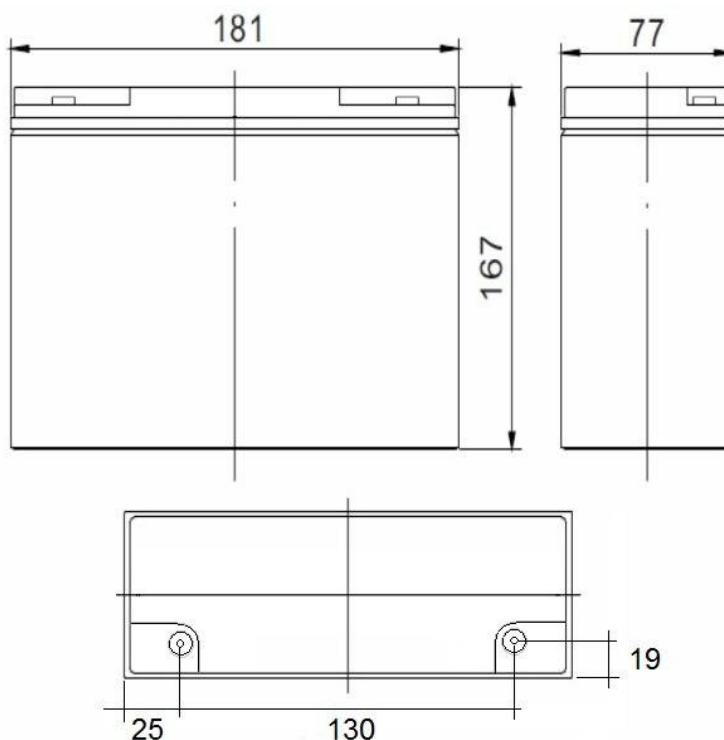


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Lithium Battery LP12V20AHB

Specifications		
Model name	LP12V20AHB	Alternative product marking LP12V-20AH
Nominal voltage	12 V	Operating voltage under load is 12.0 V
Capacity	20 Ah	+/- 5 %
Operating voltage	min 11.5 V - max 14.8 V	At 80 % DOD, > 1500 cycles
Deep discharge voltage	11 V	The cells are damaged if voltage drops below this level
Maximal charge voltage	15 V	The cells are damaged if voltage exceeds this level
Optimal discharge current	< 10 A	0.5 C
Maximal discharge current	< 60 A	3 C, continuous for max 15 minutes from full charge
Max peak discharge current	< 200 A	10 C, maximal 5 seconds in 1 minute
Optimal charge current	< 10 A	0.5 C
Maximal charge current	< 20 A	< 1 C with battery temperature monitoring
Working Temperature	Charging: > 0 °C Discharging: -20 ~ 65 °C	The battery temperature should not increase this level
Dimensions	181x167x77 mm	Millimeters (tolerance +/- 2 mm)
Weight	3.4 kg	Kilograms (tolerance +/- 150 g)





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