HC12V100Ah

12.8V 100Ah | Lead-acid replacement battery

Parameter	Reference value
Nominal voltage	12.8V
Nominal capacity	100Ah
Nominal energy	1,280Wh
Internal cell arrangement	4S2P
Dimensions (L × W × H)	261 × 162 × 217 mm
Net weight	Approx. 9.7 kg
Gross weight	Approx. 10.3 kg
Maximum continuous charge current	50A
Maximum continuous discharge current	100A
Transient discharge current	120 A for 10 seconds
Charging limit voltage	14.6V
Discharge cut-off voltage	10V
IP rating stated in data sheet	IP65
Chemistry	LiFePO4
Operating temperature	Charging: 0 to 55 °C; discharging: -20 to 60 °C

Selected values checked against the current HC12V100Ah specification v1.1 on 18 November 2026. Transient current is time-limited and is not a continuous-current rating. Request the full specification and applicable configuration before ordering.

Use compatible LiFePO4 charging equipment. Series / parallel arrangements, installation environment and protection must be approved for the configuration. An IP rating does not by itself approve an outdoor installation. Nominal energy is not the same as usable AC energy.

Product & project support
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