

HC48106-3U 48V 106Ah LiFePO4 Battery

Brief Introduction:

Haicen Power, ISO9001 certified factory, mainly focus on the R&D and Manufacture of: 1)12V to 48V LiFePO4 Batteries used for RV, Marine, Energy storage, Golf carts applications. 2) 48V LiFePO4 batteries for Energy storage system.



HC48106-3U

Electrical Specifications	Nominal Voltage	51.2V	
	Nominal Capacity	106Ah	
	Parallel Connection	Max. 16units	
	Serial Connection	No	
	BMS	16S100A	
	Circuit Protection	Over charge, Over discharge, Over current, Over temp, Short, Balance	
	Communication	2×Rs485 and 1×CAN; LCD	
	Cycle Life	3000times Cycles @100%DOD and 6000times @80% DOD	
	Self Discharge	Less than 3% per month	
	Charge Efficiency	100% @0.2C	
	Discharge Efficiency	98-100% @1C	
Charge Specifications	Charge Voltage	57.6±0.8V	
	Standard Current	20A	
	Fast Current	50A	
Discharge Specifications	Standard Current	20A	
	Max. Con. Current	100A	
	Peak Current	250A(2s)	
	Cut-off Voltage	40V	
Mechanical Specifications	Dimensions (mm)	482×425×133.5mm(3U standard size)	
	Approx Weight(KG)	40	
	Terminal Type	4×M6	
	Case Color/material	Black Metal case	
	Cell Type	3.2V106Ah prismatic cell	
Temperature Specifications	Charge Temp	0°C to 55°C	(32°F to 131°F)
	Discharge Temp	-20°C to 60°C	(-4°F to 140°F)
	Storage Temp	-20°C to 45°C	(-4°F to 113°F)