

## Introduction



Ultra thin wall mounted storage design, beautiful and atmospheric, perfectly integrated into the home environment; Built in high stability BMS, with overcharge, discharge, overcurrent, high and low temperature protection functions;

## Features

- ◆ Easy expansion with auto address assignment during parallel connection of batteries
- ◆ Easy and safe to install
- ◆ Long cycle life and service life
- ◆ Modular fan-free design
- ◆ The default automatic dial code supports 15 groups of parallel operation, and the optional manual dial code supports 63 groups of parallel operation
- ◆ Adapt to mainstream brand inverters in the market to provide users with more choices

Product Type	UPPF16100G	
<b>Regular Parameters</b>	Cell material	lithium iron phosphate
	Combination mode	16S1P
	Rated Voltage	51.2V
	Rated Capacity	100Ah
	Rated Energy	5.12kWh
	Dimensions	(650*500*90) ±1mm
	Weight	45±2kg
	Communication Interface	RS485, CAN
	Protection Level	IP22
	Cycle Life	> 6000cyc 90% DOD, @ 25±2°C,
	Material of Box	Sheet Metal
	Warranty	10 years
<b>Electrical Parameters</b>	Operating voltage range	40~58.4V
	Standard charging	Constant current charging:50A Charging voltage: 57.6V Cut off current: 5A
	Maximum continuous charging current	Constant current charging:80A Charging voltage: 57.6V Cut off current: 5A
	Standard discharge	Constant current discharge: 50A Cut off voltage: 40V
	Maximum continuous discharge current	Constant current discharge: 100A Cut off voltage: 40V
	Storage temperature	-20~65°C
	Monthly self discharge rate	<3.5% Per month
<b>Operation Environment</b>	Charging Temperature	0~65°C ≤90%ROH
	Discharging Temperature	20~65°C ≤90%ROH
	Equalization method	Passive equalization
<b>Monitoring communication</b>	RS232/RS485/CAN	
<b>Adapted inverter</b>	SofarSolar, KSTAR, Growatt, Deye, DANENG, SMA, Victron, GINLONG, GoodWe, PYLON, SMKSOLAR, SRNE, Growatt, Voltronic	