

Single Module

51.2V 100Ah 5.12kWh



Product Features

- 90% discharge Optimising energy at module level
- Modular design Up to 33pcs in parallel
- Lithium Iron Phosphate battery(LFP)
Low voltage safety connection
- Simple and easy operation
- Power generation data monitoring platform and APP
- Applicable to single-phase and three-phase residential inverters

Specification

Model		GTP-5120
BATTERY MODULE SPECIFICATION		
Battery/Cell Type	LFP	
Nominal Voltage (Vdc)	51.2V	
Nominal Capacity (Ah)	100Ah	
Total Energy (Wh)	5120	
Max. Charge and Discharge Current (A)	100	
Recommend Charge and Discharge Current (A)	50	
Recommend DOD	90%	
Operating Voltage Range (Vdc)	43.2-57.6	
Discharge Cut-off	40	
Voltage (V) Parallel	Up to 33 connected in parallel	
Calendar Life	20 years @25°C, 15 years @35°C, 10 years @45°C	
Cycle Life	≥6000 cycles at 90% DOD	
Warranty	5 years (designed lifetime 15 years)	
Communication		
Display	LCD Screen	
Communication	CAN(IN&OUT) between modules in Parallel, CAN bus/RS485 to inverter,USB to PC Monitoring	
Wi-Fi Function	Wifi for APP and Flatform Monitoring	
Standard Compliance		
Safety (Cell level)	IEC62619 / IEC62619 / CE / ROHS / MSDS / UN38.3	
Safety (Module level)	IEC61000 / CE / ROHS / MSDS / UN38.3	
Mechanical Specifications		
Dimensions (W x H x D) (mm)	440*440*145	
Weight (kgs)	48	
Mounting	Wall mounted/Stackable	
Operating Temperature Charge/Discharge (°C)	-20 to +55	
Storage Temperature (°C)	-20 to +35	
Cooling Method	Natural convection	
Noise (at 1m distance) (dBA)	<25	

Hybrid Solar System

