



Integrated Commercial  
Energy Storage System

# PowerCube

PV-SI-100K-001



## Flexible Configuration

- Highly integrated for easy transportation and O&M
- System capacity can be customizable to meet specific requirements



## Efficient and Robust

- Maximum system efficiency > 92%
- Turnkey system ensures higher efficiency and prolongs battery life



## Safe and Reliable

- Supports BMS, EMS system linkage
- Multi-level system protection and intelligent monitoring ensure battery system safety



## Smart Software

- Multiple operation modes are available, the software can be customized and upgraded
- Supports automatic peak-valley adjustment

## System Parameter

Product Model	PV-SI-100K-001
Rated Capacity	100KW/230kWh
Rated Capacity (DC)	100kW
Discharge Depth	95%DOD
Maximum System Efficiency	92%
Communication Port	Ethernet/RS485
Protection Level	IP55
Environmental Temp	-30~60°C
Environmental Humidity	≤95%RH ,without condensation
Intelligent Air-cooling Technology	√
Fire Protection System	Fire fighting gas
Dimension(L×D×H)mm	1680×1100×2380mm
Weight	≈3t

## DC

Max. DC Voltage	876V
Max. DC Curren	152A
DC Voltage Range	650-900V

## AC Grid-connected

Voltage Range	320-460V
Rated Voltage	400V
Rated Current	145A

## AC Off-grid

Voltage	400V
AC Output Power	100kW

## Battery

Battery Type	LFP
Cell Capacity	280Ah
Battery Rated Voltage	51.2V
Battery Capacity	14.33kWh
Dimensions of battery unit(W*D*H)	488*701.5*240mm