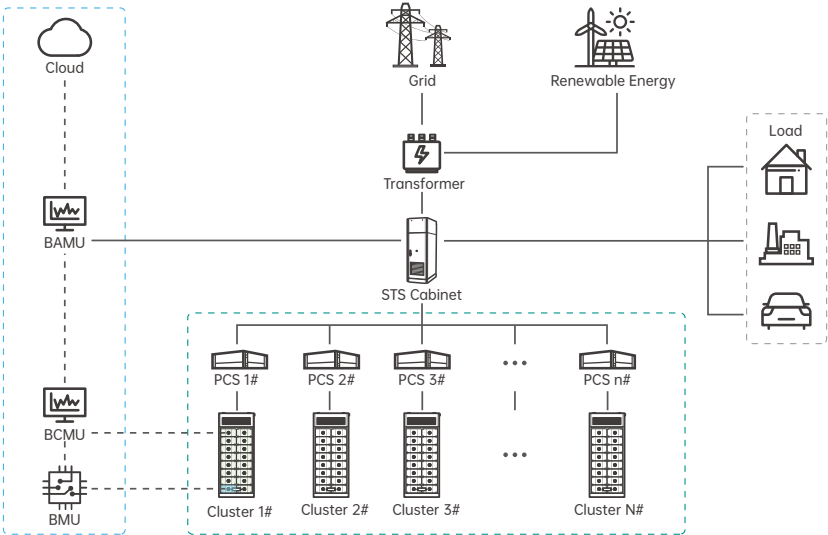




Off-grid 100KW/215KWh system



Product Parameters



Input(PV)	
Maximum input power	50kW × 2
PV Maximum opening voltage	900V
MPPT operating voltage range	180V~800V
Number of MPPTs	2
Input (Battery)	
Battery type	Lithium / lead-acid battery
Maximum charging power	100kW
Maximum discharging power	110kW
Operating voltage range	648 V~876V
Maximum charging current	186A
Maximum discharging current	186A
AC side	
Wiring method	Three -phase, Three -wire / Three -phase Four wire
Rated output power	100 kVA
Maximum output power	110 kVA
Maximum input power	110 kVA
Rated frequency	50/60HZ
Rated output current	144 A
Isolation transformer	Optional
Overload capacity	110% long term
Power factor	0.99 / -1~1
System parameters	
Working temperature	25 °C~55 °C (45°C derated use)
Dimension and weight	1850*980*2500mm/<2500KG 1050*980*2500mm/<2500KG

Product Advantages



Integrated photovoltaic storage

Optical storage DC coupling, access to multiple photovoltaic Multiple optical storage operation strategies on demand



Apply flexibly

Seamless off-grid and on-grid switching to provide backup power for critical loads Support self-generation and self- consumption, microgrid and other application scenarios



Safe and reliable

Multiple protection functions with N+1 redundancy available Supports linkage with BMS, EMS and fire protection systems



Intelligent and friendly

Modular design and customizable capacity Programmable operating mode, touch screen control