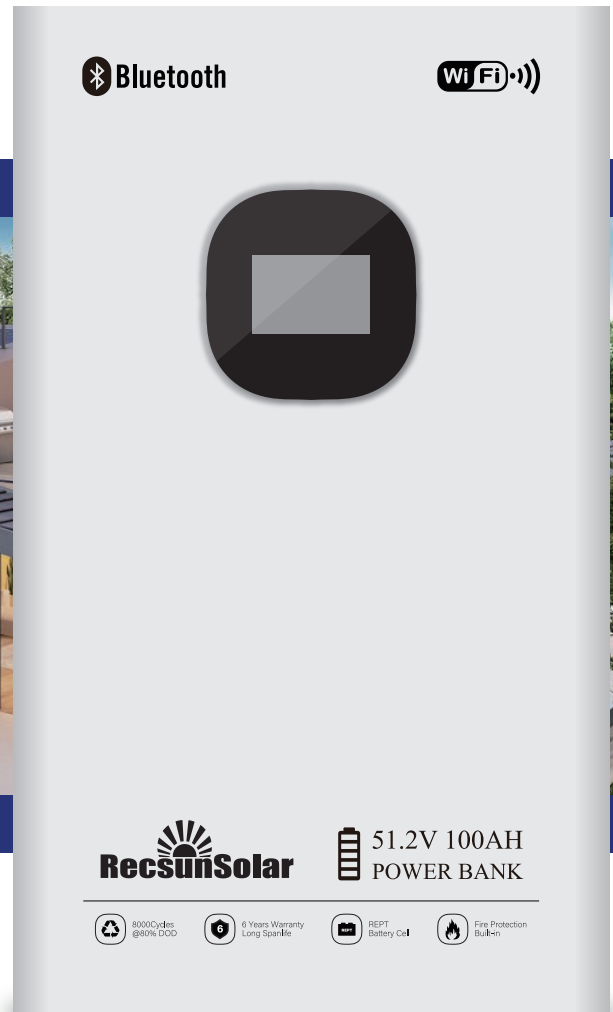




KEY FEATURES



REPT
Battery Cell



8000Cycles
@80% DOD



6 Years Warranty
Long Spanlife



Bluetooth
Built-in



Wifi
Built-in



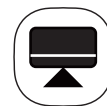
Fire Protection
Built-in



IP20
Protection



One Hour
Quick Charge



Remote Diagnosis
Software Upgrades

- TECHNICAL PARAMETERS -

BASIC INFORMATION

Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	100Ah
Rated Capacity	5.12KWh
Communication Protocol	CAN / RS485 / RS232
Max. Number of Parallel Connections	32
Cycle Life(25°C/0.5C)	≥8000Cycles@80%DOD / ≥6000Cycles@90%DOD
Protection Mechanism	Temperature Protection/Over-Current Protection/Short-Circuit Protection Over-Charge Protection/Over-Discharge Protection/Low-Voltage Protection

CHARGING PARAMETERS

Recommended Charging Current	50A
Max. Charging Current	100A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V

DISCHARGING PARAMETERS

Recommended Discharging Current	50A
Max. Discharging Current	100A
Recommended Battery Discharge Cut-off Voltage	44V
Battery Cut-off Voltage	44V
Battery Recovery Voltage	48V

TEMPERATURE PARAMETERS

Discharging Temperature	-20 - 60°C
Charging Temperature	0 - 55°C
Storage Temperature	-20 - 45°C

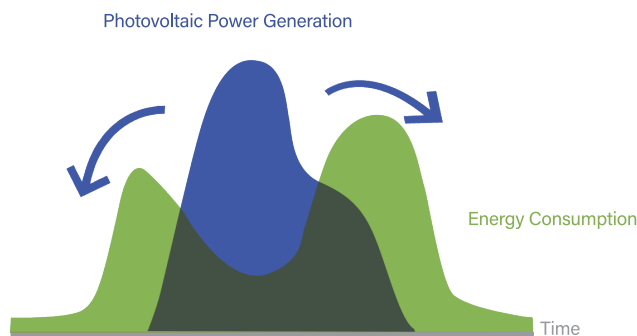
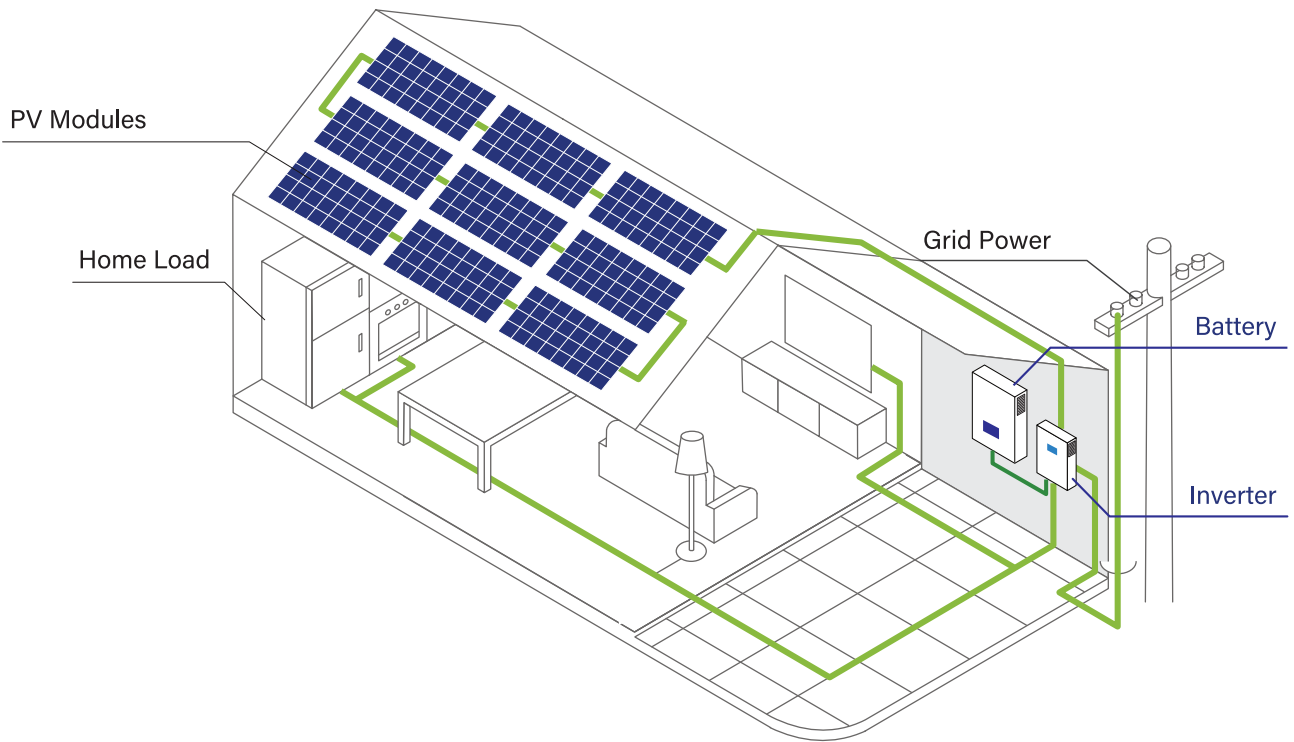
GENERAL PARAMETERS

Dimension	640*380*169mm
Net Weight	45.2Kg
Protection Rating	IP20
Installation Method	Floor Stand
Screen Type	Color Touch Screen
Communication	Bluetooth/Wifi/Auto-Dialling

CERTIFICATION&SAFETY STANDARD

Safety Certification	UL1973/CE/IEC62619
Transportation Safety Certification	UN38.3, MSDS

- APPLICATION SCENARIOS -



Photovoltaic energy is an unstable energy source, and the peak of power generation does not match the peak of daily electricity consumption.

So we need solar energy storage and control systems to regulate the distribution of residential electric energy and convert solar energy into stable AC energy for residential load use.



Safety Promotion



Easy to Install



Uninterrupted

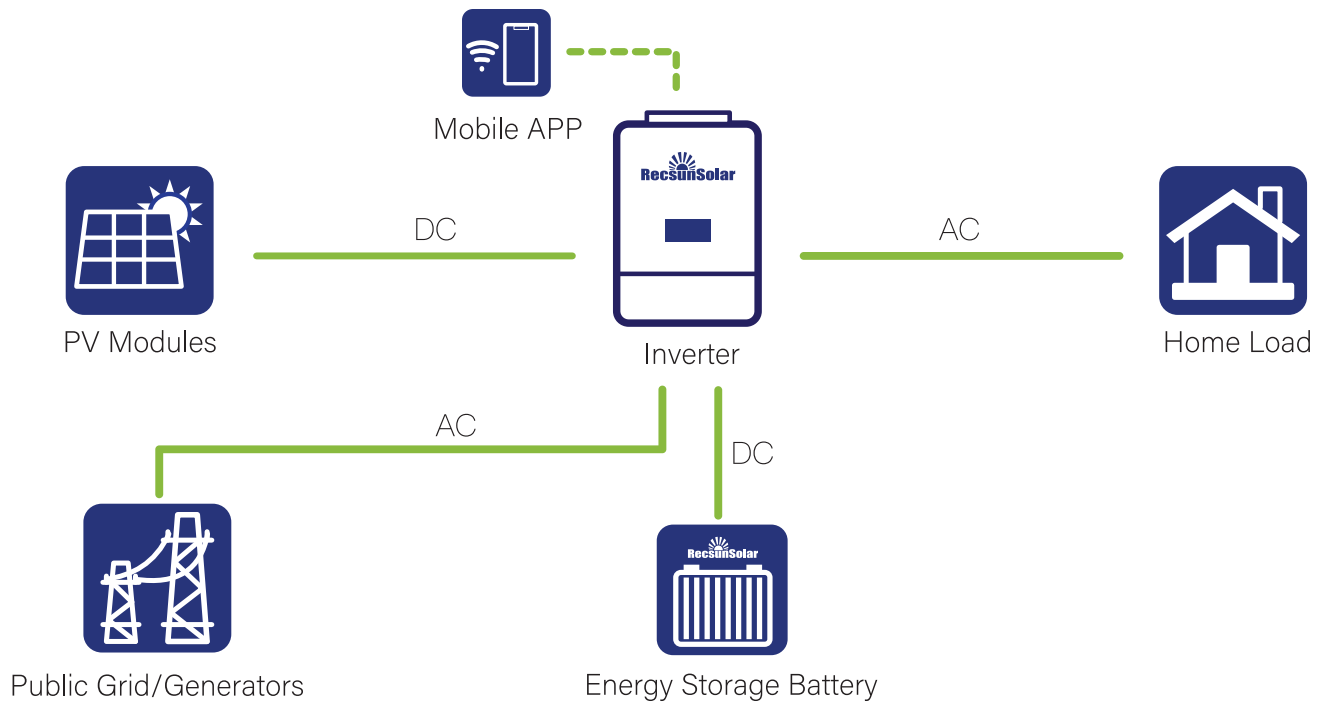


Extensible



Higher Efficiency

- SYSTEM CONNECTION -



- COMPATIBLE INVERTER BRANDS -

Deye 德業®

CHISAGE
| 中 | 哲 | 集 | 团 |

SINEXCEL
ISUNA

GOODWE

SCFAR

LUXPOWERTEK

MUST®

SRNE

SOROTEC®
Power Solutions Expert

solis

victron energy
BLUE POWER

Voltronic Power