

## - KEY FEATURES -



GOTION  
Battery Cell



6000Cycles  
@90% DOD



5 Years Warranty  
Long Spanlife



Bluetooth  
Built-in



Wifi  
Built-in



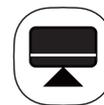
Fire Protection  
Built-in



IP20  
Protection



One Hour  
Quick Charge



Remote Diagnosis  
Software Upgrades

## TECHNICAL PARAMETERS

### BASIC INFORMATION

### RS-512300G

Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	314Ah
Rated Capacity	15.36KWh
Communication Protocol	CAN / RS485 / RS232
Max. Number of Parallel Connections	32
Cycle Life(25°C/0.5C)	≥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	100A
Max. Charging Current	200A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V

### DISCHARGING PARAMETERS

Recommended Discharging Current	100A
Max. Discharging Current	200A
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

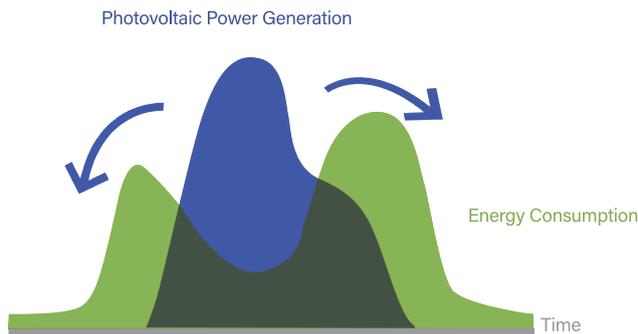
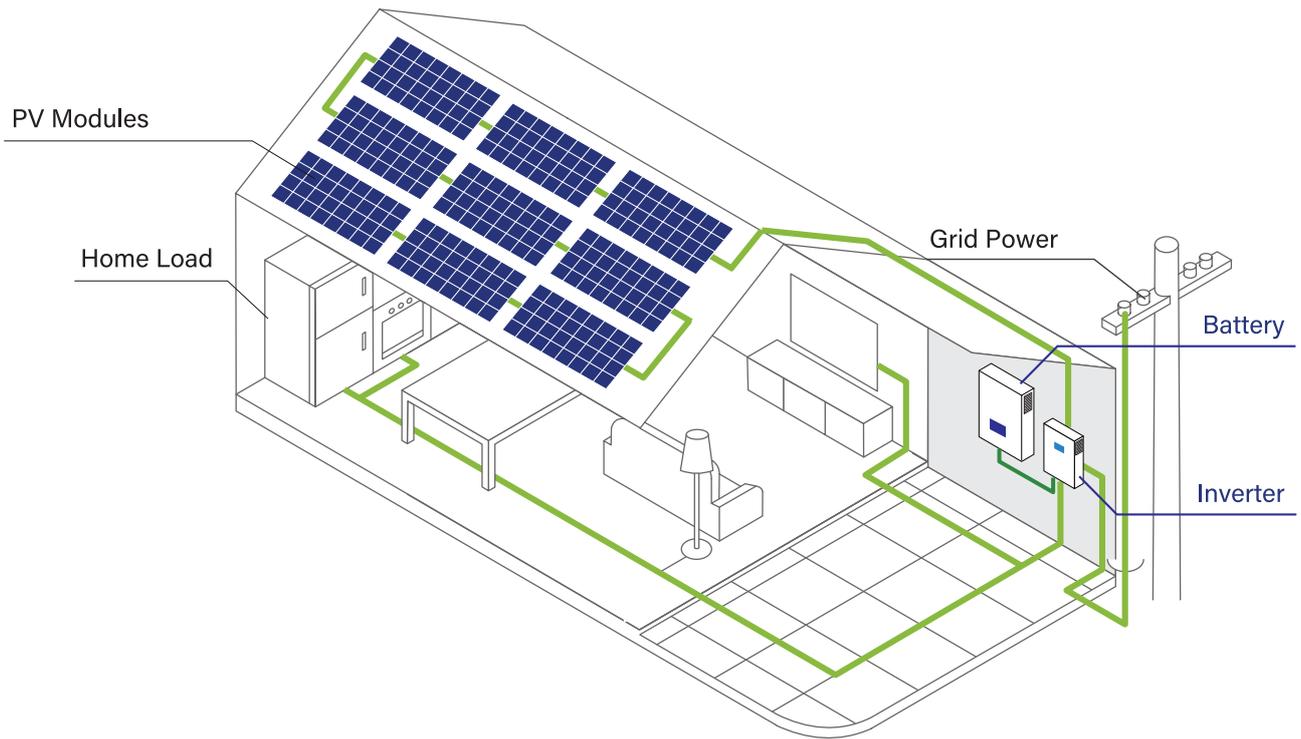
### GENERAL PARAMETERS

Dimension	900*460*245mm
Net Weight	118Kg
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

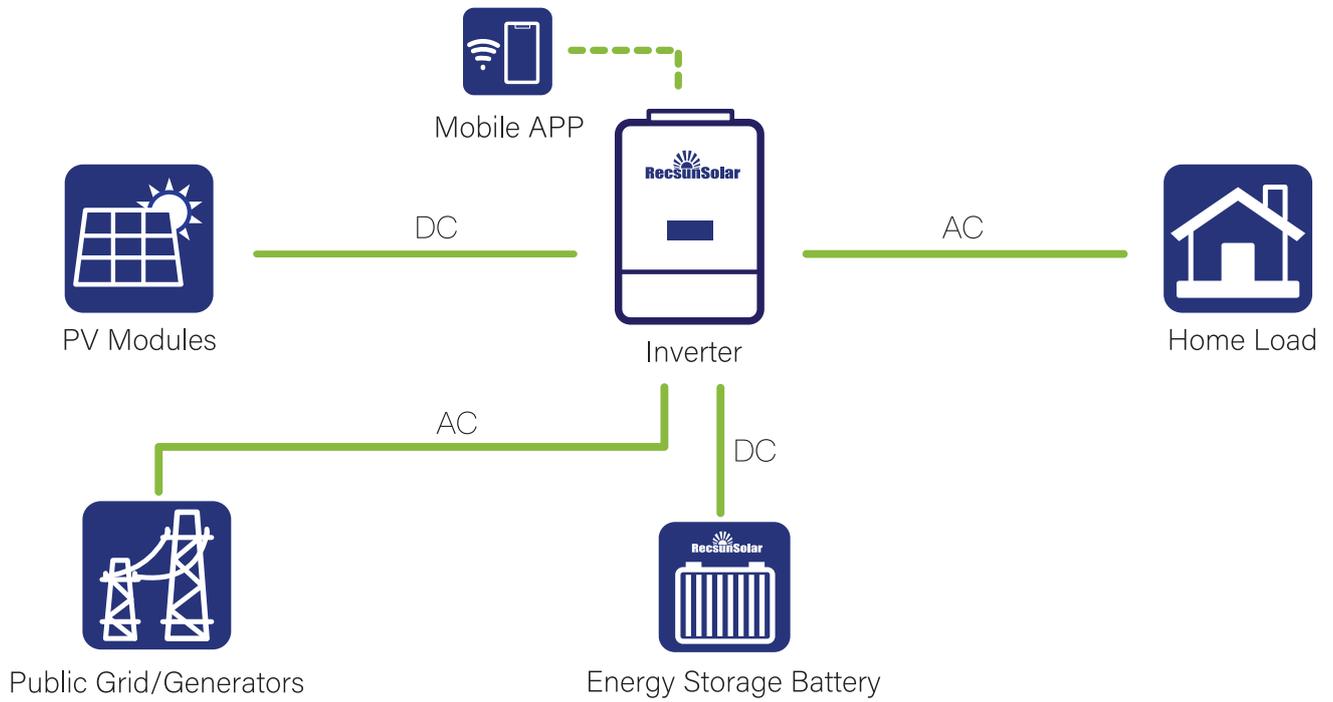


Extensible



Higher Efficiency

## SYSTEM CONNECTION



## - PART OF COMPATIBLE INVERTER BRANDS -

**Deye** 德業®

**CHISAGE**  
| 中 | 哲 | 集 | 团 |

**SINEXCEL**  
ISUNA

**GOODWE**

**SOIFAR**

**LUXPOWER**TEK

**MUST**®

**SRNE**

**SOROTEC**®  
Power Solutions Expert

**solis**

**victron energy**  
BLUE POWER

**Voltronic Power**