

51.2V314Ah

Lithium-ion battery power system



PRODUCT FEATURES



Quality Assurance

Safe, reliable and long life



Auto-linking

Dynamic identification, automatic paralleling, no need for DIP switches



Bluetooth

Support Bluetooth, mobile APP switching PCS protocol



Modular Design

Flexible expansion, the number of parallel machines supports up to 15



Interface Mode

CAN/RS485/LAN interface



Visualization

Visualization, LCD screen display



Battery Mixing

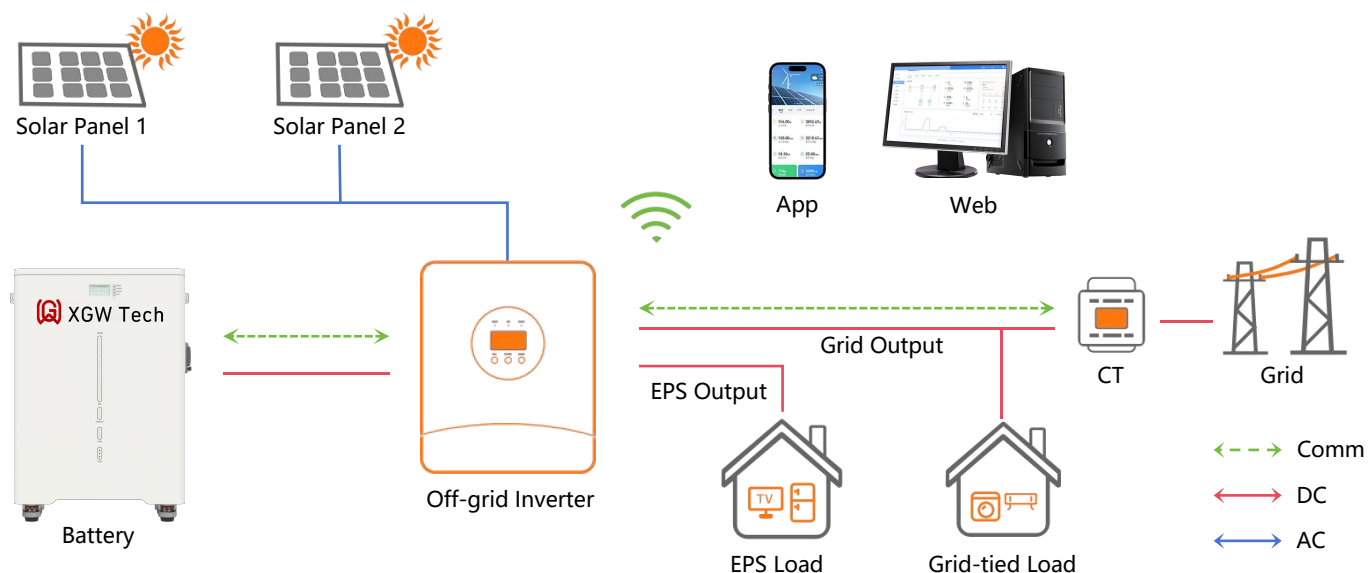
Supports mixed parallel of old and new batteries



Remote Maintenance

Remote intelligent upgrade maintenance

SYSTEM TOPOLOGY



SYSTEM SPECIFICATIONS

Model	TP-48314V-A1
Voltage (V)	40~58.4
Cell	3.2V314Ah
Module	16S1P
Number of parallel machines	15PCS
Nominal voltage (V)	51.2
Nominal Capacity (Ah)	314
Nominal Energy (kWh)	16.07
Maximum power output (kW)	16.07
Recommended discharge current (A)	150
Recommended charging current (A)	120
Recommended cut-off voltage (Min) (V)	40
Recommended charging voltage (Max) (V)	58.4
Cycles (25°C, 0.5C, DOD 80%)	≥8000
Charging temperature (°C)	0~50
Discharge temperature (°C)	-20~55
Operating humidity	<95%R.H
Communication mode	CAN / RS485
Dry contact	Customized by demand
Optional modules	Bluetooth / WIFI
Product size (W*H*D, mm)	560*760*230
Packing size (W*H*D, mm)	660*905*420
IP Code	IP21
Weight (kg)	126±1.5
Certification	IEC62619 / UN38.3 / MSDS

*Information might be subject to change without notice during product improving.