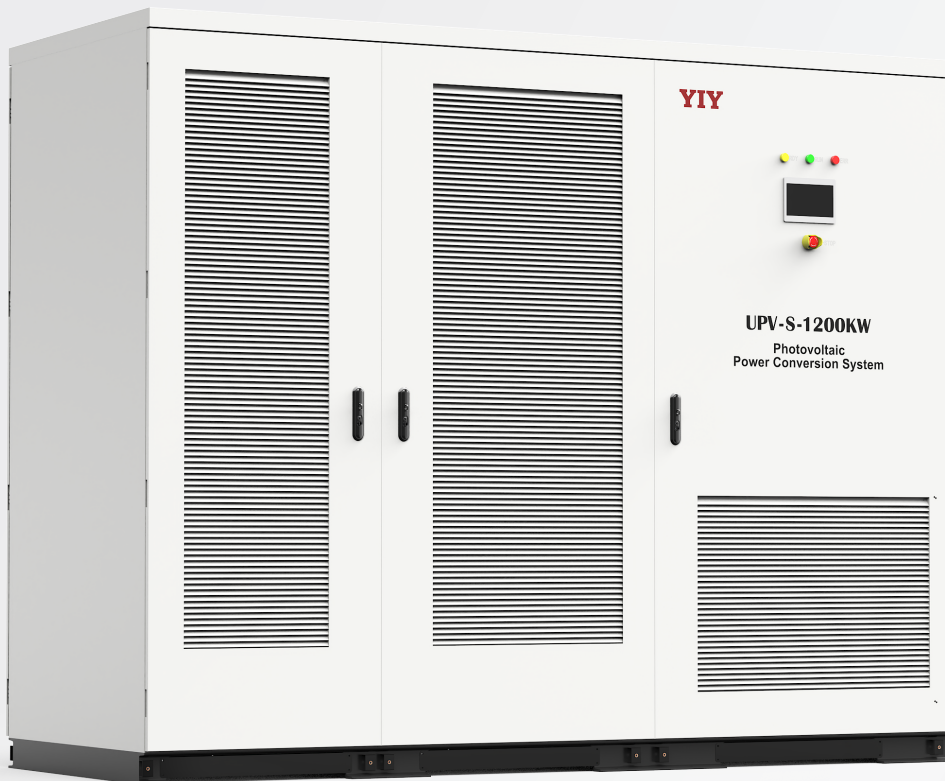


UPV-S

Three Phase Solar+Storage Hybrid Inverters



• Features

- **Operating Status Indication:** Integrated energy storage system working status, transformer-area load, energy storage capacity, power metrics.
- **Multi-Modal Operation:** Enables multi-priority management for grid, PV and load power supply, ensuring reliability across all modes.
- **Battery Pack Management:** Incorporates a BMS for comprehensive monitoring of cell and protection.
- **Remote Monitoring & Control:** Supports self-service platform monitoring and protocol integration for multi-terminal remote access.
- **Easy Installation:** IP54-rated cabinet for dust/water resistance; flexible deployment in diverse environments.

• Technical Parameter

UPV-S 1200kW Three Phase Solar+Storage Hybrid Inverters	
PCS Parameters	
Module	
Rated current	145A*12
Overload capacity	x1.1Normal/1.25 (30ms)
Output power	100kW*12
AC-side voltage of PCS	3P/N/PE, 230 V / 400 V
Frequency	50Hz/60Hz
Power factor	-1~1
Battery side voltage	680-900 V/Max 950V
Max battery current	200A*12
STS Parameters	
System	
Rated power	600kVA*3
AC voltage	400V/230V (-20%~15%)
Frequency range	50Hz/60Hz (±5Hz)
Max AC current	870A*3
Switching time	<10ms
PV Parameters	
PV Side (Module)	
Rated power	120kW*6
MPPT voltage range	200V-850V
Rated voltage	600V
PV startup voltage	250V
Number of branch inputs	4*6
PV Max current	240A*6
High Voltage Side (Module)	
Voltage range	500V-950V
Rated voltage	680V
Max current	180A*6
System Parameters	
Dimension(W*D*H)	3000*1267*2400mm
Weight(kg)	2660
Degree of Protection	IP54
Working Temperature Range	-30~60°C(> 45°C derating)
Cooling	Dry Self-Cooling
Relative Humidity	5~95%(no condensation)
Highest Altitude	4000m(>2000m derating)