

HYBRID SOLAR INVERTER



PV 9KW



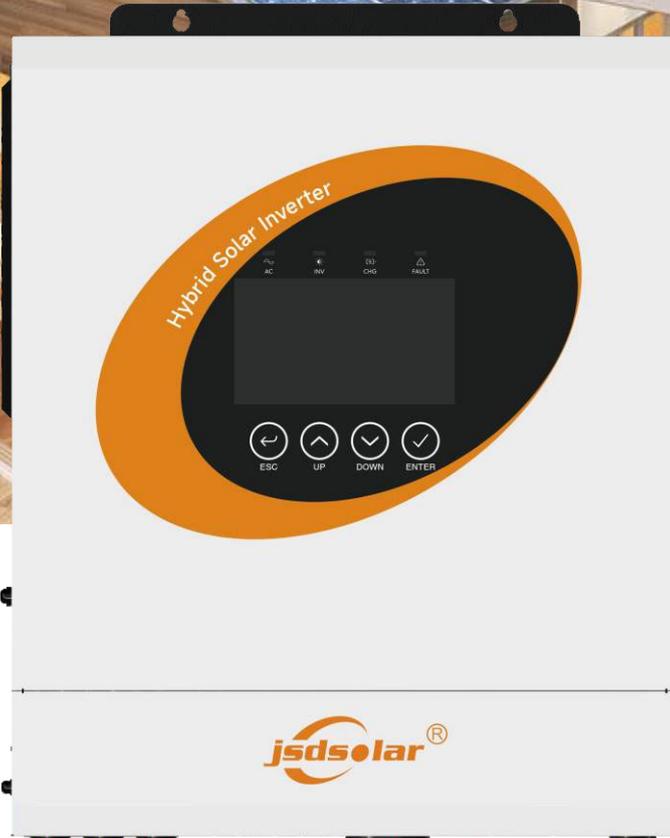
WiFi



Dual
AC Output



4.7'
Colour Screen

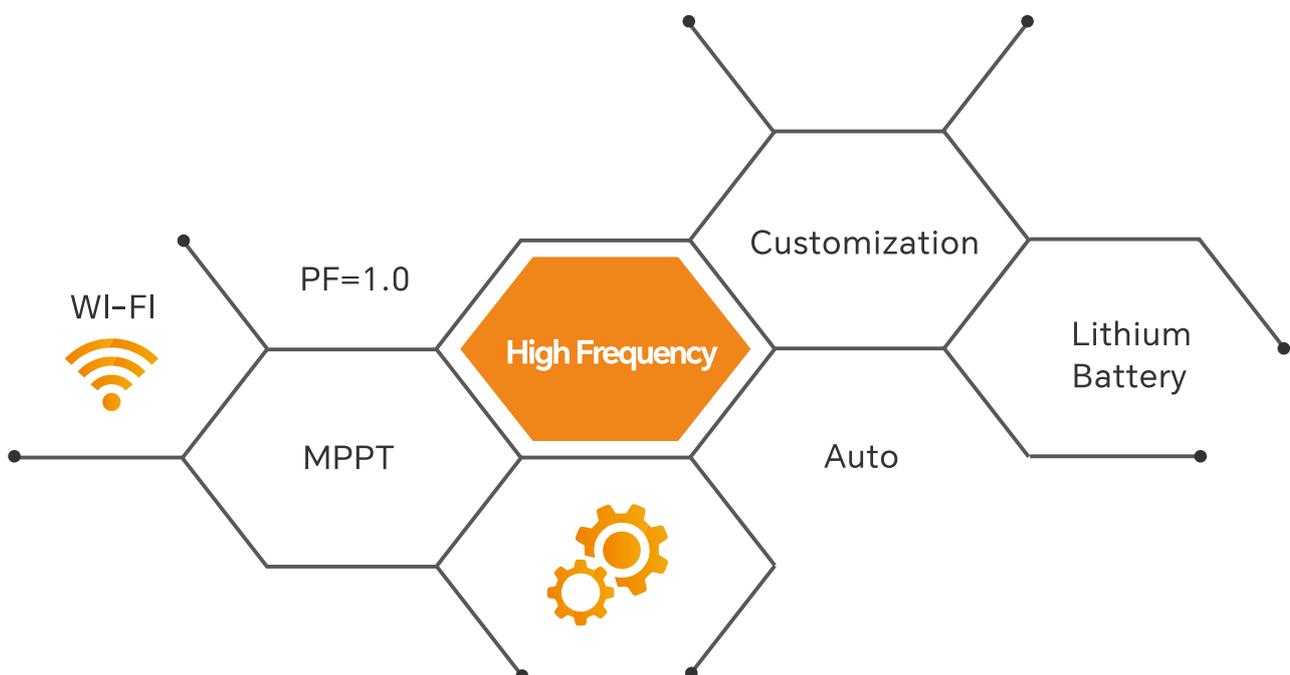


Hybrid Solar Inverter 6.5KW

- Pure sine wave inverter
- Built-in MPPT solar controller
- Configurable input voltage range for home appliances and personal computers via LCD setting
- Configurable battery charging current based on applications via LCD setting
- Configurable AC/Solar Charger priority via LCD setting
- Compatible to mains voltage
- Auto restart while AC is recovering
- Overload/ Over temperature/ short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

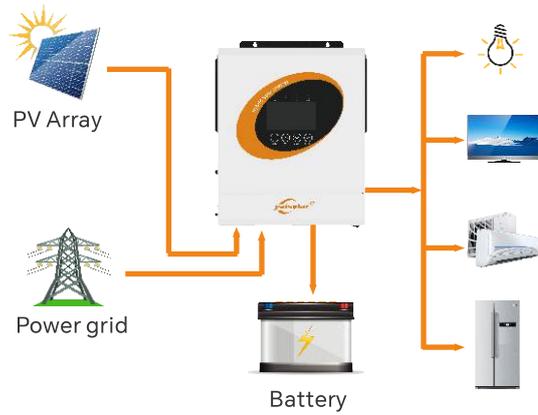


Key Features

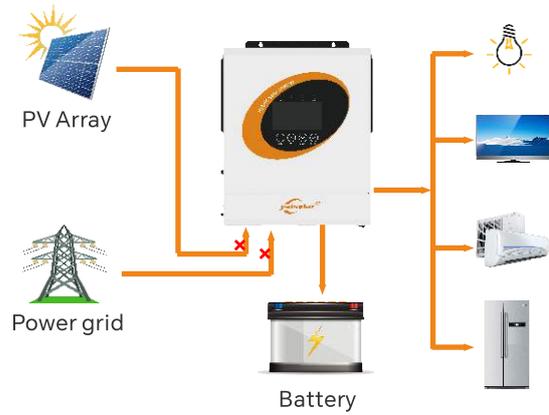


Operation with battery connected

① Solar power and AC power available

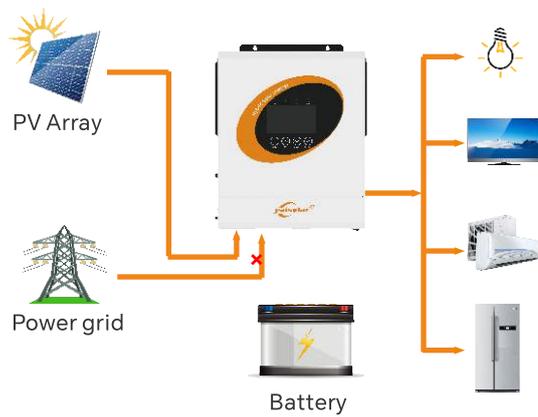


② Solar power and AC power not available



Operation without battery connected

③ Solar power available



④ AC power available



WiFi Smart System Wi-Fi Monitor

Available to check the system working status through The Wi-Fi monitor (optional)



MODEL	J6500HC
Capacity	6.5kW
Input	
Rated Input Voltage (VAC)	208/220/230/240:L+N+PE
Voltage Range (VAC)	90~280+3 (normal mode); 170~280±3 (UPS mode)
Frequency(Hz)	50/60(Auto Adaptive)
Output	
Rated Capacity (kVV)	6.5KW
Surge Power (kVA)	12
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	10S@>150%Load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	EA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	27A/9000W
MPPT Range@Operating Voltage (VDC)	60~450
Max PV Open Circuit Voltage (DC)	500
Max PV Charge Current (A)	120
Max AC Charge Current (A)	120
Max. Charge Current (PV + AC) (A)	120
Battery	
Rated Voltage (VDC)	48
Floating Charge Voltage (vDC)	54
Overcharge Protection (vDC)	61
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD(RGB optional)
Interface	RS232/RS485 /USB /Dry Contact
Monitoring	WiFi
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C~50°C
Relative Humidity	5%~95%(Non-condensing)
Storage Temperature	-15 °C~ 60 °C
Net Weight (kg)	10
Dimensions (W*H*D)	410*336*110mm
Max. Operating Altitude	4000m (Derating above 1000m)