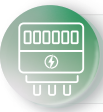


SINGLE-PHASE OFF-GRID HYBRID INVERTER



INW 6500-48



CT as standard; unlimited standalone load



IP54 Protection Rating



Built-in 120A Solar Charger



Max.9 units in parallel



MAX.PV 9KW



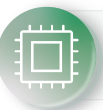
BMS Support Lithium/Lead-acid Battery



Feed-in to Grid



Workable with Generator



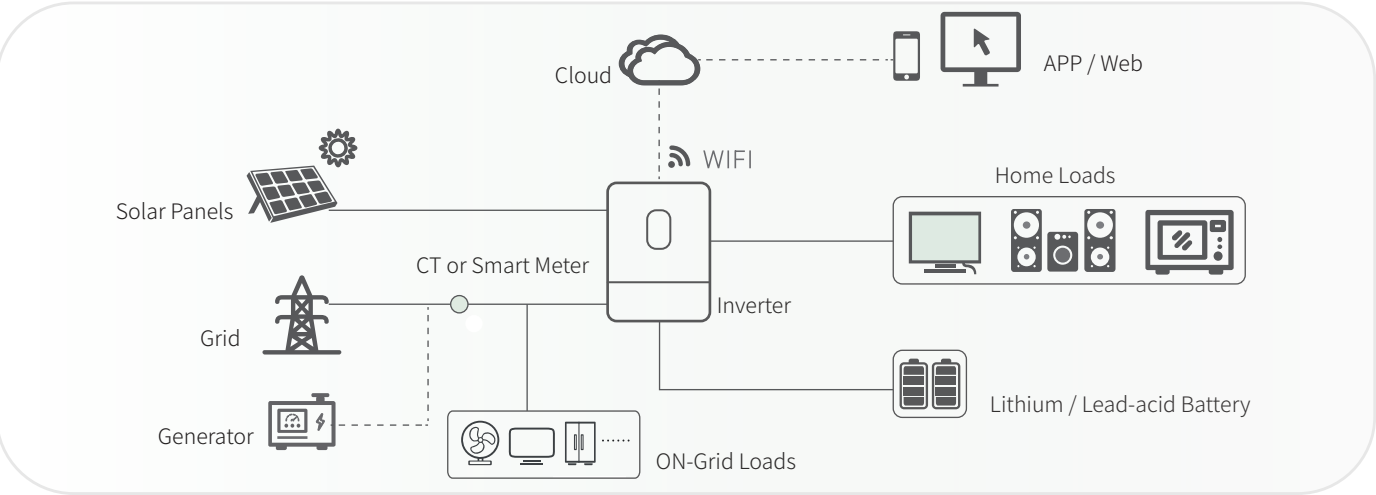
Wide MPPT Range 60-450V



WiFi Monitoring



Lithium Battery Activation



Technical Features

型号 Model	INW 6500-48
PV Input	
PV Max. Input Power (kW)	9
PV Max. Input Current (A)	27
PV PV Input Short-circuit Current (A)	33
Open Circuit Voltage (VDC)	500
start-up Voltage (VDC)	80
MPPT Voltage (VDC)	60~450
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L+N+PE
Voltage Range (VAC)	90-280±3V(Normal) / 170-280±3V(UPS)
Frequency (Hz)	50 / 60
Max. Bypass Input Current (A)	40
Parallel Quantity	Max. 9-unit parallel operation
AC Output	
Rated Capacity (kW)	6.5
Output Power (battery mode) (kW)	6.5
Voltage (VAC)	208 / 220 / 230 / 240
Frequency (Hz)	50/60Hz±0.1%
Output Wave Form	Pure Sine Wave
Battery Mode Overload Capacity	60s @ 102%-120% Load; 10s @ 120%-200% Load
Battery Mode Max. Efficiency	93%@48VDC
Switch Time (ms)	<10
Battery	
Nominal Voltage(VDC)	48
Max. AC Charge Current (A)	120
Max. PV Charge Current (A)	120
Max. Charge Current (PV + AC) (A)	120
Max.Discharge Current (A)	160
Operating Voltage Range (VDC)	43.2Vdc~58.4Vdc
General Data	
Reveal	LCD
Communication	RS485 /CAN / USB
Monitoring	WIFI/4G (Optional)
Ingress Protection	IP54
Operating Temperature	-10 °C~55°C
Relative Humidity	5% ~ 95% (Non-condensing)
Max. Operating Altitude	4000m (Derating above 2000m)
DIMENSION	
NW (Kg)	10.8
GW (Kg)	12.5
Products Size(W*H*D)mm	L510xW374xH129
Package Size(W*H*D)mm	L586xW451xH201
Quantity 20GP	450
Quantity 40GP	950
Quantity 40HQ	1140

The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

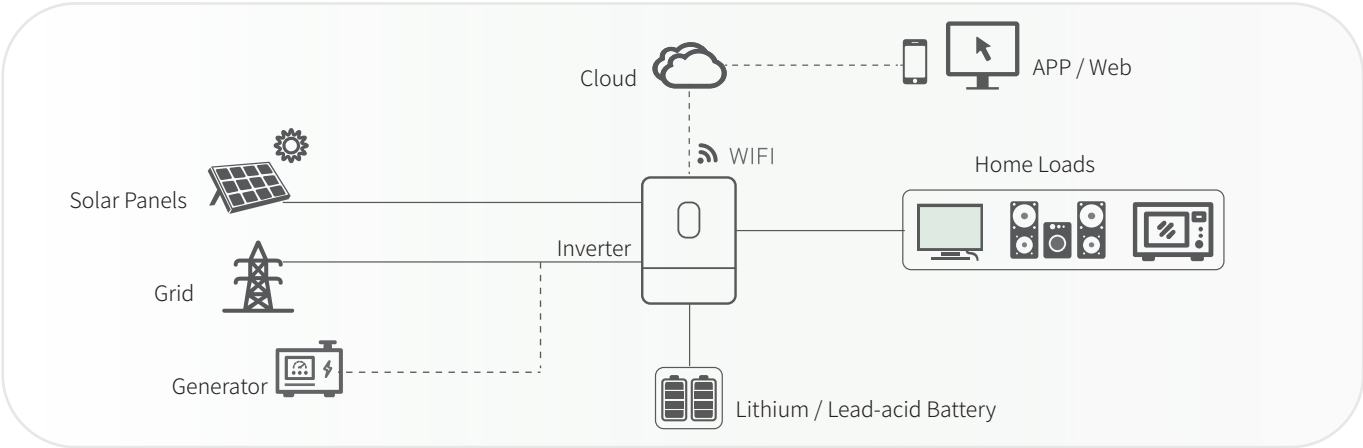
SINGLE-PHASE OFF-GRID HYBRID INVERTER



INW 12000-48



- MAX.PV 15KW
- DUAL Dual AC Output
- IP54 Protection Rating
- BMS Support Lithium/Lead-acid Battery
- Feed-in to Grid
- Wide MPPT Range 60-450V
- Built-in 160A Solar Charger
- WiFi Monitoring
- Lithium Battery Activation



Technical Features

型号 Model	INW 12000-48
PV Input	
PV Max. Input Power (kW)	1MPPT:9KW; 2MPPT:7.5KW+7.5KW
PV Max. Input Current (A)	1MPPT:27A; 2MPPT:22.5A+22.5A
PV Input Short-circuit Current (A)	33
Open Circuit Voltage (VDC)	500
Start-up Voltage (VDC)	80
MPPT Voltage (VDC)	60~450
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L+N+PE
Voltage Range (VAC)	90-280±3V(Normal) / 170-280±3V(UPS)
Frequency (Hz)	50 / 60
Max. Bypass Input Current (A)	70
Parallel Quantity	Max. 6-unit parallel operation
AC Output	
Rated Capacity (kW)	12
Output Power (battery mode) (kW)	10.5
Voltage (VAC)	208 / 220 / 230 / 240
Frequency (Hz)	50/60Hz±0.1%
Output Wave Form	Pure Sine Wave
Battery Mode Overload Capacity	60s @ 102%-120% Load; 10s @ 120%-200% Load
Battery Mode Max. Efficiency	94%@48VDC
Switch Time (ms)	<10
Battery	
Nominal Voltage(VDC)	48
Max. AC Charge Current (A)	160
Max. PV Charge Current (A)	160
Max. Charge Current (PV + AC) (A)	160
Max.Discharge Current (A)	220
Operating Voltage Range (VDC)	43.2Vdc~58.4Vdc
General Data	
Reveal	LCD
Communication	RS485 /CAN / USB
Monitoring	WIFI/4G (Optional)
Ingress Protection	IP54
Operating Temperature	-10 °C~55°C
Relative Humidity	5% ~ 95% (Non-condensing)
Max. Operating Altitude	4000m (Derating above 2000m)
DIMENSION	
NW (Kg)	18
GW (Kg)	21
Products Size(W*H*D)mm	L620xW493xH136
Package Size(W*H*D)mm	L696xW571xH212
Quantity 20GP	270
Quantity 40GP	600
Quantity 40HQ	660

The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

Additional specifications are available for customization.