

The 4th Generation Inverter with an astonishing 12-unit parallel capacity. The all new Hollandia Power Hybrid Inverter available in Pure Sine wave Technology. Includes many high-tech features and is a true market leader in today's Inverter market. Power your home appliances with Hollandia Power Technology.



FEATURES

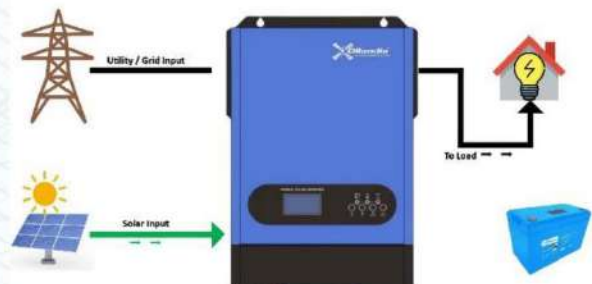
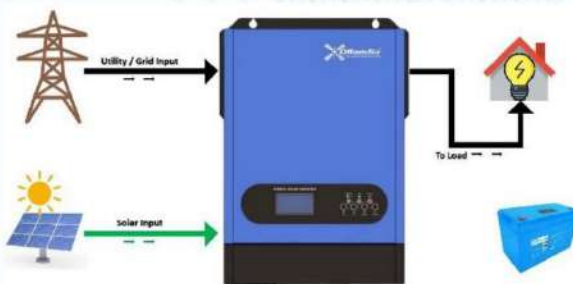
- Detachable dust cover for harsh environment
- Parallel operation up to 12 units (for 5.5kW Model only)
- Built-in 100A/120A MPPT solar charger
- Support LiFePO4 Battery
- High PV input voltage range
- Pure Sine wave MPPT solar inverter
- WiFi Remote Monitoring Optional
- Output Power Factor 1
- Battery uses Optional.
- Battery equalization function to optimize battery performance and extend lifecycle.

HYBRID OPERATION

With Battery Connected



Without Battery Connected



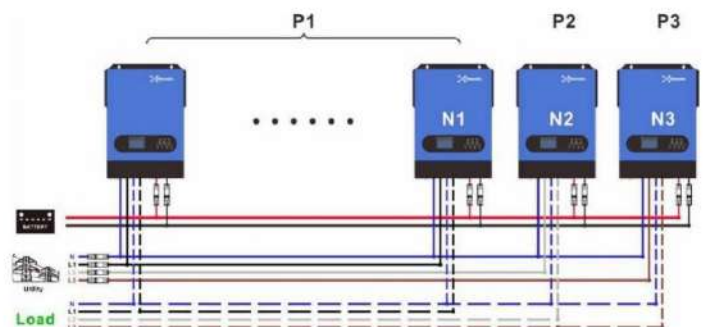
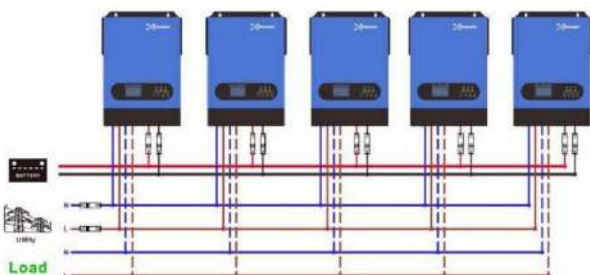
SPECIFICATIONS

MODEL	HPIC24-3.5K-100	HPIC48-5.5K-100	HPIC48-6.2K-120
Rated Power	3500VA / 3500W	5500VA / 5500W	6200VA / 6200W
INPUT			
Voltage	230 VAC		
Voltage Range	90 ~ 280 VAC		
Frequency Range	50 / 60 Hz (Sensing Automatically)		
OUTPUT			
Voltage	220/ 230 VAC ± 5%		
Surge Power	7000 VA	11000 VA	12400 VA
Peak Efficiency	94%		
Transfer Time	10 / 20 ms		
Waveform	Pure sine wave		
BATTERY			
Nominal Battery Voltage	24 VDC	48 VDC	
Float Voltage	27 VDC	54 VDC	
Over Charge Protection	33 VDC	63 VDC	
SOLAR CHARGER + AC CHARGER			
Max. PV Array Open Circuit Voltage	500 V		
Max. PV Array Power	4000 Wp	5500 Wp	6500 Wp
MPPT Operating Voltage Range	60 ~ 450 V		
Max. Solar Charging Current	100 A		120 A
Max. Grid Charging Current	60 A		80 A
Max. Charging Current	100 A		120A
PHYSICAL			
Dimensions, H*W*D (mm)	440*295*120	440*295*120	440*295*120
Net Weight (kg)	7	10	9
Communication	RS232	RS485/RS232/Dry-Contact	RS485/RS232
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-Condensing)		
Operating Temperature Range	-10°C ~ 50°C		
Storage Temperature Range	-15°C ~ 60°C		
Parallel Connection*	NA	Yes, 12 Units*	NA

5.5KW PARALLEL CONNECTION*

✓ Single phase output up to 66KW using 12 units.

✓ Three phase output using either 3 units(16.5KW) or max 12units (66KW).



* Only for 5.5kW Inverter Model HPIC48-5.5k-100