

The all new Hollandia Power Hybrid Inverter available in Pure Sinewave 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.

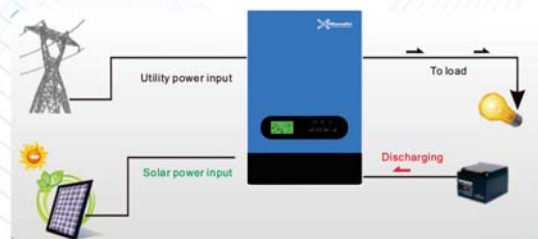
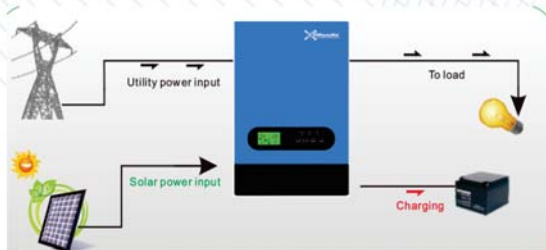
FEATURES

- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dusk kit for harsh environment
- Parallel operation up to 9 units (for 48V only)
- Built-in 100A MPPT solar charger (3.5kW and 5.5kW Models)
- Support LiFePO4 Battery
- High PV input voltage range
- Pure Sine wave MPPT solar inverter
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS (Optional)
- Output Power Factor 1
- Battery use Optional (3.5kW AND 5.5kW Models)

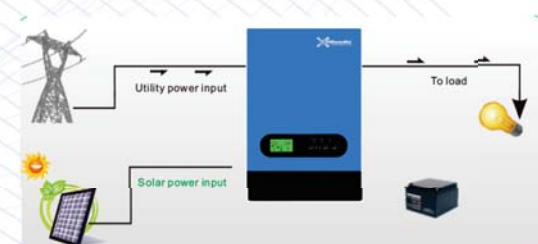
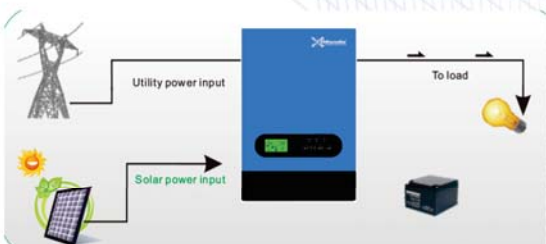


HYBRID OPERATION

With Battery Connected



Without Battery Connected

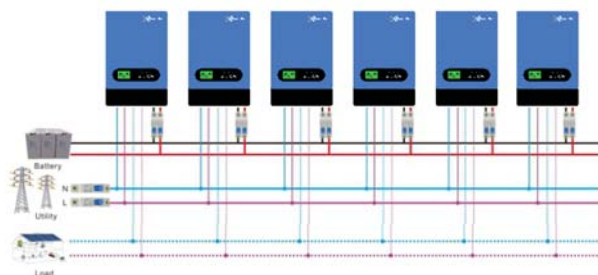


SPECIFICATIONS

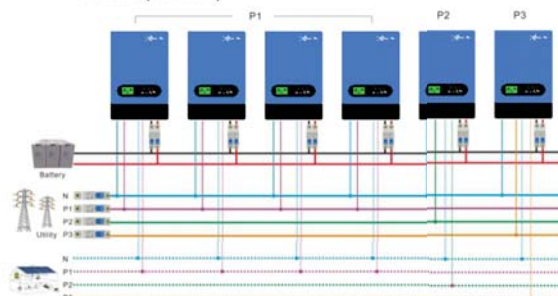
MODEL	HPIC24-2.5k-80	HPIC24-3.5k-100	HPIC48-5.5k-100
Rated Power	2500VA / 2500W	3500VA / 3500W	5500VA / 5500W
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
OUTPUT			
ACVoltage Regulation(Batt. Mode)	230VAC ± 5%		
Surge Power	5000VA	7000VA	11000VA
Efficiency (Peak)	up to 93.5%		
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	24 VDC	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	27 VDC	54 VDC
Overcharge Protection	33 VDC	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER			
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC	500 VDC
Maximum PV Array Power	3000 W	5500 W	5500 W
MPPT Range @ Operating Voltage	120~450 VDC	120~450 VDC	120~450 VDC
Maximum Solar Charge Current	80 A	100 A	100 A
Maximum AC Charge Current	60 A	80 A	80 A
Maximum Charge Current	80 A	100 A	100 A
PHYSICAL			
Dimension, D x W x H (mm)	335*255*112	400*300*115	480*302*120
Net Weight (kgs)	5.4	8.5	10
Communication Interface	USB/RS232		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		
Parallel Connection	NA	NA	Yes, up to 9 Units

5.5kw parallel connection

- Single phase output up to 49.5KW using 9 units



- Three phase output using either 3 units (16.5KW) or max 9 units (49.5KW)



*Product specifications are subject to change without prior notice.