

NOVERGY'S IPCK INVERTERS OFFER ADVANCED SOLAR PRIORITY FUNCTION WITH UNITY POWER FACTOR AND MPPT TECHNOLOGY. FOR USE IN OFF-GRID OR BATTERY BASED SOLAR PROJECTS.



HIGHLIGHTS

- Pure sine wave solar inverter
- MPPT Technology*
- output power factor 1
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible with mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

TECHNICAL SPECIFICATIONS

Models	IPCK-1-P	IPCK-1-M	IPCK-2-P	IPCK-2-M	IPCK-3-P	IPCK-3-M	IPCK-3+-M	IPCK-5-P	IPCK-5-M	
Rated Power	1000VA / 1000W		2000VA / 2000W		3000VA / 3000W			5000VA / 5000W		
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										
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%									
Surge Power	2000 VA	4000 VA			6000 VA			10000 VA		
Efficiency (Peak)	90% - 93%									
Transfer Time	10 ms (For Personal Computers); 20ms (For Home Appliances)									
Waveform	Pure sine wave									
BATTERY										
Battery Voltage	12VDC	24VDC						48VDC		
Floating Charge Voltage	13.5VDC	27VDC						54VDC		
Overcharge Protection	16VDC	31VDC			33VDC			63 VDC		
SOLAR CHARGER & AC CHARGER										
Solar Charger type	PWM	MPPT	PWM	MPPT	PWM	MPPT		PWM	MPPT	
Maximum PV Array Open Circuit Voltage	55VDC	102VDC	80VDC	102VDC	80VDC	102VDC	145VDC	105VDC	145VDC	
Maximum PV Array Power	600 W	500 W	1200 W	1000 W	1200 W	1000 W	1500 W	2400 W	3000 W	
MPP Range @ Operating Voltage	N/A	17-80 VDC	N/A	30-80 VDC	N/A	30-80 VDC	30-115 VDC	N/A	60-115 VDC	
Maximum Solar Charge Current	50 A	40 A	50 A	40 A	50 A	40 A	60 A	50 A	60 A	
Maximum Ac Charge Current	20 A	20 A	20 A	25 A	25 A	25 A	60 A	60 A	60 A	
Maximum Charge Current	50 A	60 A	50 A	60 A	70 A	60 A	120 A	110 A	120 A	
PHYSICAL										
Dimension D x W x H (mm)	88 x 255 x 320				100 x 285 x 334			100 x 300 x 440		
Net Weight (kgs)	5.0	5.1	5.5	5.5	6.3	6.5	9.5	8.5	9.7	
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									

*On select models.

Specifications, product shape, look are subject to change without prior notice.



CONTACT A NOVERGY EXPERT TODAY :-
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