click2save



- Pure sine wave solar inverter
- 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
- Optional anti-dusk kit

TrICCI All-in-One Off Grid Inverter

MODEL	12/1000 20-50P	12/1000 20-40M	24/2000 20-50P	24/2000 25-40M	24/3000 25-50P	24/3000 25-40M	24/3000 60-60M	48/5000 60-50P	48/5000 60-60M
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 ± 5%								
Surge Power	2000VA		4000VA		6000VA			10000VA	
Efficiency (Peak)	90% ~ 93%								
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)								
Waveform	Pure sine wave								
BATTERY									
Battery Voltage	12 VDC		24 VDC					48 VDC	
Floating Charge Voltage	13.5 VDC		27 VDC					54 VDC	
Overcharge Protection	16 VDC		31 VDC		33 VDC			63 VDC	
SOLAR CHARGER & AC CHARGER									
Solar Charger type	PWM	MPPT	PWM	MPPT	PWM	MPPT		PWM	MPPT
Maximum PV Array Open Circuit Voltage	55 VDC	102 VDC	80 VDC	102 VDC	80 VDC	102 VDC	145 VDC	105 VDC	145 VDC
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
Maxmum 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	25A	25A	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 225 x 320				100 x 285 x 334		100 x 300 x 440	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								

Product specifications are subject to change without further notice.