

# Isolated Power Inverter

# Genesis



<b>Real Power</b>	<b>1500 W</b>	
<b>Surge Power</b>	<b>4500 W</b>	
<b>Model</b>	<b>KHP1500</b>	<b>12/24V DC To 220V AC</b>

## Design Features

- Input and output isolated
- Protection against short circuit, overload, low and high DC input voltage, over temperature and reverse polarity
- Upgrade to Solar System
- Efficiency >90
- Ability to install in the desired location
- Light weight and compact aluminum enclosure

## 3 YEARS WARRANTY

Model		KHP1500-12	KHP1500-24
INPUT	BATTERY SYSTEM VOLTAGE	12 VDC	24 VDC
	INPUT VOLTAGE RANGE	10.5 to 15.5 VDC	21 to 31 VDC
	INPUT CURRENT AT NO LOAD	5 A to 6 A	
OUTPUT	OUTPUT VOLTAGE WAVE FORM	Modified sine wave	
	OUTPUT VOLTAGE	220 VAC	
	OUTPUT FREQUENCY	50 Hz	
	OUTPUT POWER, REAL CONTINUOUS	1500 W	
	OUTPUT POWER, SURGE	4500 W	
	EFFICIENCY	> 90 %	
PROTECTION	INPUT AND OUTPUT ISOLATED	Yes	
	LOW INPUT VOLTAGE ALARM	Yes (11 VDC)	Yes (22 VDC)
	LOW INPUT VOLTAGE SHUTDOWN	Yes (10.5 VDC)	Yes (21 VDC)
	HIGH INPUT VOLTAGE SHUTDOWN	Yes (> 15.5 VDC)	Yes (> 31 VDC)
	OVERLOAD SHUTDOWN	Yes	
	OVER TEMPERATURE SHUTDOWN	Yes	
	OUTPUT SHORT SHUTDOWN	Yes	
	REVERSE POLARITY	Yes	
	COOLING	Yes	
CONNECTIONS	INPUT CONNECTION	Direct	
	OUTPUT CONNECTION, RECEPTACLES	1	
GENERAL	UPGRADE TO SOLAR SYSTEM	Yes	
	INTELLIGENT CONTROL OF OUTPUT VOLTAGE & FREQUENCY	Yes	
	ABILITY TO INSTALL IN THE DESIRED LOCATION	Yes	
	CIGARETTE LIGHTER PLUG	Optional	
	ALLIGATOR CLIP	Yes	
	MANUAL	Yes	
	DIMENSIONS, MM (L x W x H)	430 x 210 x 100	
WEIGHT,KG	5		