

## Powerful Pure Sine Wave Inverter to Convert Battery Power to Supply AC Loads

### Features

These pure sine wave inverters are specially designed to fulfil the needs of special applications where it is necessary to adapt several parameters of inverters.

- State-of -Art auto load sense.
- Standard inbuilt low battery cut-off.
- Great overload performance.
- Very efficient stand by circuit.
- Do not effect other equipment like TV, radio...etc.
- No problem with microwave ovens.
- Extremely efficient.
- Standard specially designed AC- and DC - line filters.
- Can be used anywhere including National Parks.
- Aluminum chassis for harsh environments.
- Built-in Remote Controller Port.
- Compact.
- Simplified system design.
- Easily mounted.
- Lowest installation cost.



### Specifications

Invertek Model No.	J1-0150-12XX J1-0150-24XX	J1-0300-12XX J1-0300-24XX	J1-0600-12XX J1-0600-24XX	J1-1000-12XX J1-1000-24XX	J1-1500-12XX J1-1500-24XX	J1-3000-12XX J1-3000-24XX
Continuous Output Power	150W	300W	600W	1000W	1500W	3000W
Output Power Surge	250W	450W	900W	1400W	2000W	4000W
AC Output Voltage	100~120V $\pm 2\%$ 200~240V $\pm 2\%$ adjust able					
Output Voltage Regulation	-4%~+4%		-1.5%~+1.5% All models			
Output Frequency	50Hz $\pm 0.5\%$ / 60Hz $\pm 0.5\%$					
Output Wave Form	Pure Sine Wave < 4% THD			Pure Sine Wave < 2% THD		
Efficiency ( Full Load )	88%	89%	88%	87%	88%	87%
No Load Power Consumption	<5W		<4W (In power saving status)			
Input Voltage Range	10~16VDC/ 20~32 VDC					
Power Saving Recovery Time	N/A		1 Second			
LED Status Indication	RUN, TRIP. LED All in one	Power ON/OFF, RUN/ STAND BY, High / Low battery shutdown, over temperature shutdown, and over load shutdown,				
Protection Feature	Over / under input voltage, over temp. and reverse input polarity (Fuse). Over Load, short circuit, shutdown, restarts.					
Remote Controller	N/A		Power output ON/OFF, Run, Trip LED All in one			
Operation Temperature Range	-20°C~50°C (-4°F~122°F)					
Storage Temperature Range	-30°C~70°C (-22°F~158°F)					
Dimensions (L x W x H) mm	220x130x90	240x285x120	350x285x120	450x285x120	380x285x185	510x285x185

• Remote controller is optional

• 48VDC Custom Design