



# Off grid Inverter/Charger

## KI-B Series (1.5-10kVA)

- » Wide input voltage range
- » Big charge current and settable ( LCD)
- » Intelligent generator management
- » PV mode and AC mode settable (LCD)

### Excellent Performance:

- Pure sine wave inverter with charger
- High charge current and settable
- Wide grid input range
- Generator manageable and settable
- PV first or AC first settable
- High system efficiency up to 95%

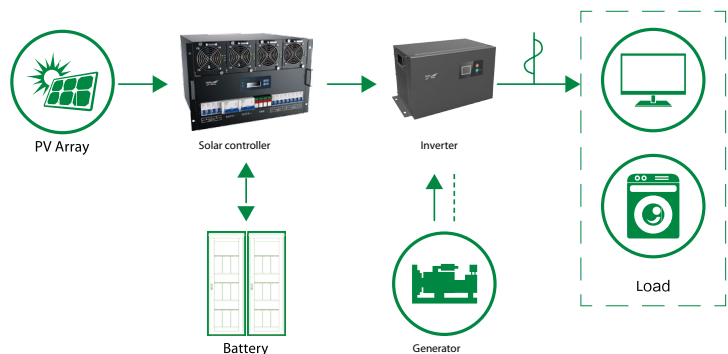
### High Reliability:

- With IP31 protection level
- Isolation transformer
- Digital control technology

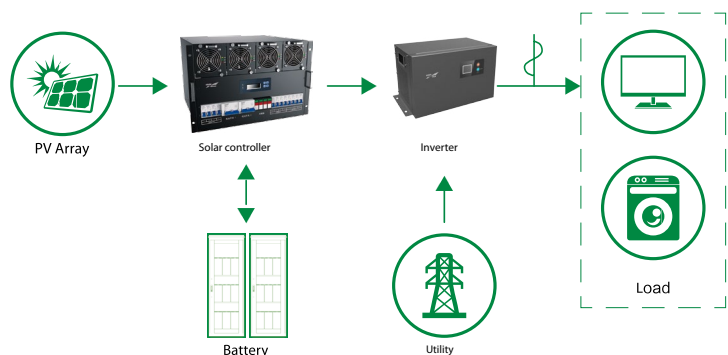
### Easy for Use:

- Friendly LCD displaying and setting
- Wall-mounted type design
- Intelligent battery management
- Intelligent RS232 communication port

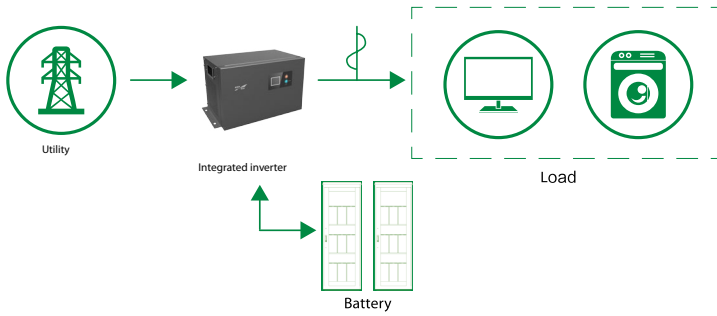
### 1. Solar Off grid solution with generator



### 2. Solar off grid solution with utility



### 3. Home use solution



### Technical Specification:

Items	KI1500L	KI2500L	KI3500L	KI6000L	KI10000L
<b>Input</b>					
Voltage (Vac)	150-285				
Frequency (Hz)	50±5%				
<b>Output</b>					
Capacity (W)	1200	2000	2800	4800	8000
Voltage (Vac)	230±10%				
Frequency (Hz)	50±0.5% (battery mode)				
Waveform	Pure sine wave, THD≤3% (linear load)				
Efficiency (DC-AC)	85%		90%		
Efficiency (AC-AC)	95%				
Transfer time (ms)	6 (typical)				
Overload	<105% long time working, 105%~115% load for 30s, >115% load for 3s				
<b>Battery</b>					
Voltage (Vdc)	12V×2=24		12V×4=48		12V×8=96
Battery Type	External				
Charging Current (A)	40A Max, settable	50A Max, settable		75A Max, settable	
Battery Self-testing	Automatically alarm and estimate battery status in battery abnormal status				
<b>Others</b>					
Communication	RS232				
Display	LCD Display indicates frequency, voltage, load, battery voltage, etc. LED indicates running status				
Alarm	Overload, abnormal AC input, low battery, UPS failure				
Protection	Low battery, overload, over temperature, short circuit, etc.				
Noise (dB)	< 55			< 60	
Protection level	IP31				
Working Temperature (°C)	-20~60°C (it needs derating if more than 40°C)				
Relative Humidity	0 ~ 95%, No condensation				
Weight (kg)	34	41	50	56	100
Dimension (Wx DxH) (mm)	450×290×288		450×288×500		720×288 ×500

• Specification is subject to change without prior notice.