



◆ **12 month warranty**

### FEATURES

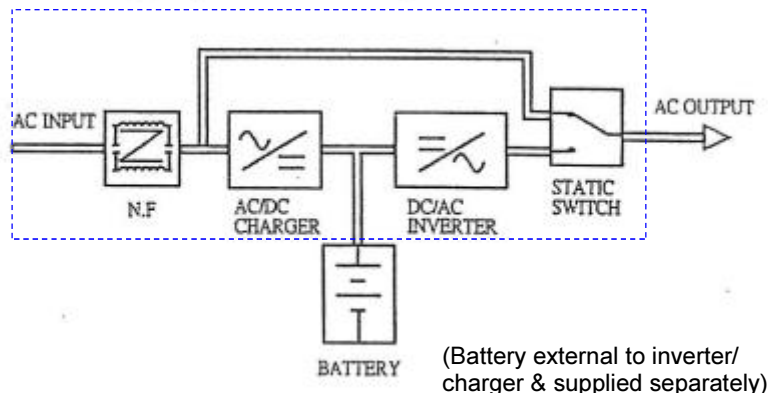
- LCD display
- Multistage charger
- Fast Action AC Synchronized Transfer Switch
- Microprocessor based design
- Soft Start
- Input & Output isolated
- Auto temperature control fan
- Reverse polarity protection by fuse/diode
- Output short circuit protection
- Over temperature protection
- Overload protection
- Input low voltage protection
- Input high voltage protection
- Low battery alarm
- Low battery shut-down

**SPECIFICATIONS** All specifications are typical at nominal input, full load and at 20°C unless otherwise stated.

### Description of Operation

When mains voltage is present the AC output is provided by the mains ac input and the battery is charged. The load is transferred to the inverter when there is no mains voltage present.

**Optional** built in fixed internal solar charge controller available - change suffix code **LC** to **SLU**



Model No.	IEPM-0800LC	IEPM-1600LC	IEPM-2400LC	IEPM-4000LC	IEPM-6000LC	IEPM-8000LC
Output Power (VA/W)	1200/800	2400/1600	3600/2400	5000/4000	6000/6000	8000/8000
Max. Load, 30s (W)	1200	4800	3600	6000	9000	12000

#### 1. Input Section (specify voltage at time of ordering)

Input Nominal Voltage	110V or 220Vac	220Vac
Input Voltage Range	60V~135Vac or 120V~275Vac	120~275Vac
Line Low Transfer	60Vac ± 2% or 120Vac ± 2%	120Vac ± 2%
Line Low Return	65Vac ± 2% or 130Vac ± 2%	130Vac ± 2%
Line High Transfer	135Vac ± 2% or 275Vac ± 2%	275Vac ± 2%
Line High Return	130Vac ± 2% or 260Vac ± 2%	260Vac ± 2%
Input Frequency	50Hz / 60Hz (45Hz~70Hz)	

# 800-8000W Inverter Charger True Sine Wave

# IEPM-...LC

Model No.	IEPM-0800LC	IEPM-1600LC	IEPM-2400LC	IEPM-4000LC	IEPM-6000LC	IEPM-8000LC
<b>2. Output Section</b>						
Output Voltage	110Vac / 115Vac / 120Vac <b>or</b> 220Vac / 230Vac / 240Vac (re-settable via LCD panel)					
Waveform	Pure Sine Wave					
Voltage Regulation (Batt. Mode)	< 3% RMS for entire battery voltage range					
Output Frequency	50Hz or 60Hz $\pm$ 0.1Hz					
Efficiency	>75%					>80%
Maximum Load	150%					
Asymmetrical Load	Up to nominal output power					
Overload, short circuit and low battery	Automatic disconnection					
Over temperature protection	Acoustic warning before shut-off. Automatic restart					
Power Factor	0.8			1.0		
<b>3. Battery Section</b>						
Voltage Range	12V/24VDC	24VDC (20~32VDC)			48VDC (42~62VDC)	
Backup Time	Depends on load and battery connected					
Input Frequency Range	45~70Hz					
Max. Charging Current (can adjust lower)	40/100A					100A
<b>4. Display</b>						
LCD Display	UPS status, I/P&O/P Voltage Frequency, Load%, Battery Voltage & %, Temperature, Model					
LED Display	Normal (Green), Warning (Yellow), Fault (Red)					
<b>5. Audible Alarm</b>						
Battery Mode	Beeping every 4 seconds					
Low Battery	Beeping every second					
Overload	Beeping twice per second					
Temperature Compensation (Option)	3mV / °C cell					
<b>6. General Data</b>						
AC By Pass Time (UPS Mode)	< 8 ms.					
Operation Temperature	-20 °C to +55 °C					
Audible Noise	Less than 55dBA (at 1M)					
Relative Humidity	0-95% non-condensing					
Dimensions (H x W x D) - wall mounted	400 x 298 x 150	450 x 298 x 198	450 x 298 x 190	600x 415 x 260	600x 415 x 260	600x 415 x 260
Weight (Kg)	14	21	23	49.2	51.4	55

Specifications are subject to change without prior notice.

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