

The logo for BCN (Beacon Power Systems) features the letters 'BCN' in a bold, white, sans-serif font, with a registered trademark symbol (®) to the upper right. The logo is set against a red rectangular background.

www.bcn-ups.com

# EA 600

1KVA / 1.5KVA / 2KVA / 3KVA

PURE SINE WAVE UPS

Single-phase / Single-phase



## Highlights

- Fully Pure sine wave AVR mode, Backup mode
- Output power factor 0.8
- DSP digital control
- Boost and back AVR voltage stablition
- Frequency adaptive
- Backup time full load 5 minutes
- Adjustable charge current and battery shutdown point.
- Settable no-load shutdown
- Humanized alarm system
- Power On Self Test
- Cold start
- Automatic startup when AC recovers
- Intelligent battery management
- Short circuit and overload protection
- Automatic charging at UPS Off mode
- USB & RJ45,AS400/SNMP (optional) communication port



TIS.1291 Part 1-2553  
TIS.1291 Part 2-2553  
TIS.1291 Part 3-2555

EA600 1KVA-3KVA Line interactive UPS uses Line Interactive technology and provides a sinusoidal output with power factor 0.8. It ensures a high level of protection against mains power disturbances. When the mains power supply fails, it powers sensitive equipment with a perfectly sinusoidal supply for maximum power continuity and reliability. It is the ideal solution for the protection of peripheral network devices, servers, and network backup systems.

### Output power factor 0.8

EA600 PURE SINE WAVE is a high-density UPS with output power factor 0.8 to provide higher performance and efficiency to critical applications.

### Emergency Power Off Function (EPO)

This feature can secure the personnel and equipment in case of fires or other emergencies.

### 50/60 Hz frequency converter mode

Lock output frequency at 50Hz or 60Hz to suit power sensitive equipments.

### ECO and advanced ECO mode for energy saving(option)

It allows UPS to operate in high efficiency up to 97% in energysaving ECO mode. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems. EA600 1-3K even offers advanced ECO mode to allow UPS to operate at higher efficiency up to 98%.

Your choice of power protection

# EA 600 PURE SINE WAVE

## 1KVA / 1.5KVA / 2KVA / 3KVA

### High output power factor 0.8

MODEL EA600 Pure sine wave		EA610N	EA615N	EA620N	EA630N
Capacity (VA/W)		1000VA/800W	1500VA/1200W	2000VA/1600W	3000VA/2400W
INPUT					
AC Voltage		100V/110V/120VAC ±26%or 220V/230V240VAC ±26% (-35% optional)			
Frequency		50Hz/60Hz ±10% (Auto-sense)			
OUTPUT					
Battery Mode Voltage		100V/110V/120VAC ±5% or 220V/230V/240VAC ±5%			
AC Mode Voltage Regulation		100V/110V/120VAC ±9% or 220V/230V240VAC ±9%			
Frequency		50/60Hz±0.3Hz (Auto-sense & settable)			
Waveform		Pure sine wave			
Harmonic Distortion		≤5%(Linear Load)			
Transfer Time		≤8ms			
ECO Mode(option)		Settable(<3% load) to enter after 80s			
No-load Shutdown		Settable (<3% load) shutdown after 80s			
EFFICIENCY					
AC Mode		Max 98%			
Battery Mode		Max 85% (Linear Load)			
BATTERY					
Standard Model	DC Voltage	24V	24V	36V	48V
	Number & Type	2*12V7Ah	2*12V9Ah	3*12V9Ah	4*12V9Ah
	Charge Current	Standard model: 1A (default), 0-5A (adjustable by back-end setting)			
Typical Recharge Time		8 hours recover to 90% capacity			
End Of Discharge Voltage		Single battery 10.2Vdc (default), 9.6-11.5Vdc adjustable			
PROTECTION					
Full Protection		Overload, short circuit, battery overcharge/overdischarge			
ALARM					
Battery Mode		Beep every 5s, be silent after 60s			
Low Battery		Keep beeping for 0.16s at interval of 0.16s (quick beep)			
Overload		Keep beeping for 2s at interval of 0.5s (long beep)			
ENVIRONMENT					
Humidity		10~90% RH @ 0~4 0°C(non-condensing)			
Noise Level		≤50dB (1m)			
MANAGEMENT					
USB+RJ45		Supports Windows 98/2000/2003/XP/Vista/2008/7/8			
Optional SNMP		Power management from SNMP manager and web browser (standard with slot)			
Cold Replacement Battery		YES		NO	
PHYSICAL					
Dimension(mm) W*D*H		144*346.5*215		144*411.5*215	190*467*335.5
Packing Dimension(mm) W*D*H		236*427*316		236*492*316	320*592*462
Net Weight(kg)		12.2	14.2	18.5	28.1
Gross Weight(kg)		13.2	15.2	19.8	30.2



- All specifications subject to change without notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001, CE, STANDARD

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