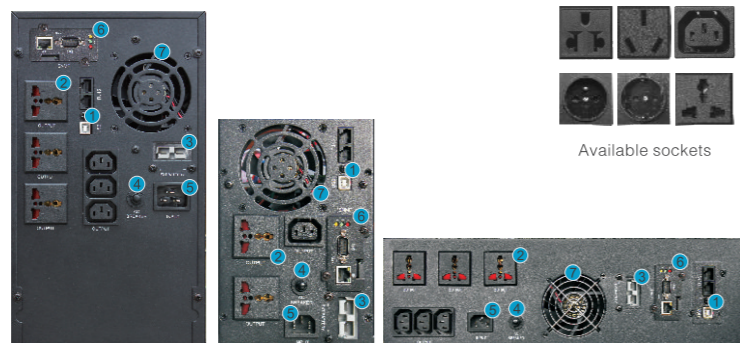# EA600

1000VA ~ 3000VA
PF 0.8

Features

- Pure sine wave output
- Output power factor 0.8
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no−load shutdown
- Humanized alarm system

- Power−on self test
- Cold start
- Auto restart when mains power is restored
- Intelligent battery management
- Short circuit and overload protection
- Automatic charging in OFF mode
- USB & RJ45, AS400/SNMP (optional) communication port

Rear Panel

1. USB/RJ45
2. Output Sockets
3. EXT Battery (optional)
4. AC Breaker
5. Input
6. SNMP (optional)
7. Fan

Available sockets

Specifications

MODEL		EA610	EA615	EA620	EA630
Capacity		1000VA / 800W	1500VA / 1200W	2000VA / 1600W	3000VA / 2400W
INPUT					
AC voltage		100V / 110V / 120Vac ± 26% or 220V / 230V / 240Vac ± 26% (−35% optional)			
Frequency		50Hz/60Hz ± 10% (auto−sense)			
OUTPUT					
Voltage during battery operation		100V / 110V / 120Vac ± 5% or 220V / 230V / 240Vac ± 5%			
Voltage during mains operation		100V / 110V / 120Vac ± 9% or 220V / 230V / 240Vac ± 9%			
Frequency		50/60Hz ± 0.3Hz (auto−sense & settable)			
Waveform		Pure sine wave			
Harmonic distortion		≤ 5% (linear load)			
Transfer time		≤ 8ms			
ECO mode		Settable (< 3% load) to enter in 80s			
No−load shutdown		Settable (< 3% load) shutdown in 80s			
EFFICIENCY					
Mains mode		Max. 98%			
Battery mode		Max. 85% (linear load)			
BATTERIES					
Standard model	DC voltage	24V	24V	36V	48V
	Number & type	2 × 12V7Ah	2 × 12V9Ah	3 × 12V9Ah	4 × 12V9Ah
	Charging current	Standard model: 1A (default), 0 ~ 5A (adjustable by back−end setting)			
Recharge time		8 h			
End of discharge voltage		Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc (adjustable)			
ALARM					
Battery mode		Beep every 5s, be silent in 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)			
COMMUNICATIONS					
USB+RJ45		Supports Windows® 98/2000/2003/XP/Vista/2008/7/8/10			
SNMP (option)		Power management from SNMP manager and web browser(standard with slot)			
OTHERS					
Protections		Overload – short circuit – battery overcharge – overdischarge			
Humidity		10 ~ 90% RH @ 0 ~ 40℃(non−condensing)			
Noise level		≤ 50dB (1m)			
Tower	Dimensions (mm) W × D × H	144 × 346.5 × 215		144 × 411.5 × 215	190 × 467 × 335.5
	Packaged dimensions (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
Rack mount	Dimensions (mm) W × D × H	440 × 338 × 88	440 × 410 × 132		
	Packaged dimensions (mm) W × D × H	616 × 448 × 190	616 × 510 × 235		
	Net weight (kg)	14.6	17.2	21.3	26.7
	Gross weight (kg)	16.8	20.4	24.5	30.5

● All specifications subject to change without notice.
● Custom−made specifications are acceptable.