

EA600

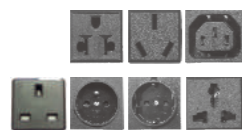
500VA ~ 3000VA
PF 0.8

Features

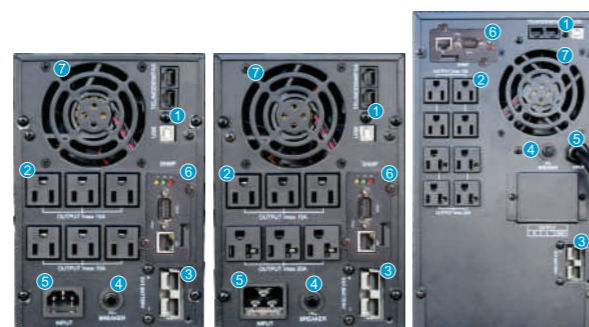
- Pure sine wave output
- Output power factor 0.8
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no-load shutdown
- Humanized alarm system
- Power-on self test
- Cold start
- 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	EA605 (H)	EA610 (S/H/SRT)	EA615 (S/SRT)	EA620 (S/H/SRT)	EA630 (S/H/SRT)	
Capacity	500VA / 300W	1000VA / 800W	1500VA / 1200W	2000VA / 1600W	3000VA / 2400W	
INPUT						
AC input range (bypass mode)	0 ~ 121 Vac / 132 Vac / 138 Vac / 144 Vac for 100 Vac / 110 Vac / 115 Vac / 120 Vac ± 10 Vac					
AC input range (mains mode)	100 Vac : 70 ~ 130 Vac; 110 Vac : 80 ~ 140 Vac; 115 Vac : 85 ~ 145 Vac; 120V: 90 ~ 150 Vac					
Frequency	50 Hz / 60 Hz (auto-sense), 50 Hz / 60 Hz ± 5% ~ 15%					
OUTPUT						
Inverter output range	100 Vac / 110 Vac / 115 Vac / 120 Vac ± 5% (settable)					
AC output range (bypass mode)	0 ~ 121 Vac / 132 Vac / 138 Vac / 144 Vac for 100 Vac / 110 Vac / 115 Vac / 120 Vac ± 10 Vac;					
AC output range (mains mode)	100 Vac: 90 ~ 110 Vac; 110 Vac: 99 ~ 121 Vac; 115 Vac: 103 ~ 126 Vac; 120 V: 108 ~ 132 Vac					
Frequency	50 / 60 Hz ± 0.3 Hz (settable)					
Waveform	Pure sine wave					
Harmonic distortion	≤ 5% (linear load)					
Transfer time	≤ 10 ms					
ECO mode	Settable (< 3% load) to enter in 80 s					
No-load shutdown	Settable (< 3% load) shutdown in 80 s					
BATTERIES						
Standard model	DC voltage	/	24 V	24 V	36 V	48 V
	Number & type	/	12 V / 7 Ah × 2	12 V / 9 Ah × 2	12 V / 9 Ah × 3	12 V / 9 Ah × 4
	Charging current	1 A default, 1 ~ 3A is settable				
Long time model	DC voltage	12 V	24 V	/	48 V	48 V
	Charging current	Max. 10 A	Max. 15 A	/	Max. 20 A	Max. 25 A
Recharge time	8 h					
End of discharge voltage	Single battery 10.2 Vdc (default) ± 0.3 Vdc, 9.6 ~ 11.5 Vdc (adjustable by back-end setting)					
ALARM						
Battery mode	Beep every 5 s, be silent in 60 s					
Low battery	Keep beeping for 0.16 s at interval of 0.16 s (quick beep)					
Overload	Keep beeping for 2 s at interval of 0.5 s (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 – battery low – overtemperature					
Humidity	10 ~ 90% RH @ 0 ~ 40°C (non-condensing)					
Noise level	≤ 50 dB (1m)					
Tower	Dimensions (mm) W × D × H	144 × 345 × 215 (S / H)			144 × 410 × 215 (S) 144 × 345 × 215 (H)	190 × 467 × 335.5 (S / H)
	Packaged dimensions (mm) W × D × H	236 × 427 × 316 (S / H)			236 × 492 × 316 (S) 236 × 427 × 316 (H)	320 × 592 × 462 (S / H)
	Net weight (kg)	7.0 (H)	12.2 (S), 11.6 (H)	14.2 (S)	18.5 (S), 17.8 (H)	28.1 (S), 28.0 (H)
	Gross weight (kg)	8.0 (H)	13.2 (S), 12.6 (H)	15.2 (S)	19.8 (S), 18.8 (H)	30.2 (S), 30.0 (H)
Rack mount	Dimensions (mm) W × D × H	/	440 × 338 × 88 (S)	440 × 410 × 132 (S)		
	Packaged dimensions (mm) W × D × H	/	611 × 448 × 208 (S)	611 × 505 × 235 (S)		
	Net weight (kg)	/	14.6 (S)	17.2 (S)	21.3 (S)	26.7 (S)
	Gross weight (kg)	/	16.8 (S)	20.4 (S)	24.5 (S)	30.5 (S)

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