

EA600

500 VA ~ 3000 VA



Features

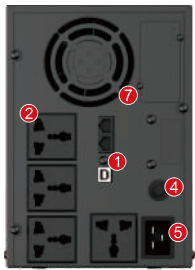
- Pure sine wave output
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no-load shutdown
- Humanized alarm system
- Power-on self test
- Cold start
- Auto restart when mains 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

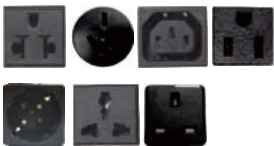
1. USB / RJ45
2. Output Outlets
3. EXT Battery (optional)
4. AC Breaker
5. Input
6. SNMP (optional)
7. Fan



3 kVA (H)



3 kVA (S)



Optional outlets



RT

Specifications

MODEL	EA605	EA610	EA615	EA620	EA630
Capacity	500 VA / 300 W	1000 VA / 800 W	1500 VA / 1200 W	2000 VA / 1600 W	3000 VA / 2400W
DC INPUT					
Rated voltage	12 V	24 V		36 V (S) 48 V (H)	48 V
DC input range (default)	10 ~ 15 V	20~30 V		30 ~ 45 V (S) 40 ~ 60 V (H)	40~60 V
AC INPU					
AC input range (bypass mode)	0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 / 240 Vac ± 10 Vac				
AC input range (mains mode)	200 V: 145 ~ 260 Vac; 220 V: 165 ~ 280 Vac 230 V: 175 ~ 290 Vac; 240 V: 185 ~ 300 Vac				
Frequency input range	50 / 60 Hz (auto-sensing), 50 / 60 Hz ± 5% ~ 15%				
Generator connection	Available (generator input power is settable)				
OUTPUT					
Inverter output range	200 / 220 / 230 / 240 Vac ± 5% (settable)				
AC output range (bypass mode)	0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 V / 240 Vac ± 10 Vac				
AC output range (mains mode)	200 V: 166 ~ 226 Vac; 220 V: 188 ~ 245 Vac, 230 V: 199 ~ 254 Vac; 240 V: 210 ~ 264 Vac				
Output frequency	50 / 60 Hz ± 0.3 Hz (settable)				
Waveform	Pure sine wave				
Inverter efficiency	Max. 75%	Max. 80%		Max. 80%	
Energy saving mode	Settable (< 3% load), enter in 80 s				
No-load shutdown	Settable (< 3% load), shut down in 80 s				
Transfer time	≤ 10 ms				
THDV (resistive load)	≤ 5%				
Protections	Overload, short circuit (inverter), battery low voltage, battery over charge, overtemperature				
Overload (mains mode)	110% for 120 s, 125% for 60s, 150% for 10s (transfer to bypass mode)				
Overload (inverter mode)	110% for 60 s, 125% for 10 s, 150% for 5 s (shut down directly)				
Mute	Automatic mute in 60 s or by manual				
BATTERIES					
Inbuilt battery (standard model)	/	12 V / 7 Ah x 2	12 V / 9 Ah x 2	12 V / 9 Ah x 3	12 V / 9 Ah x 4
Charging current	Standard model (S): 1 A (default)				
	Long time model (H): 10 A (default); < 10 A, set step 1 A; ≥ 10 A, set step 5 A				
	Max. 10 A (H)	Max. 15 A (H)	/	Max. 20 A (H)	Max. 25 A (H)
Equalizing charge voltage	Single battery 14.1 Vdc (default), 13.6 ~ 15 Vdc adjustable				
Floating charge voltage	Single battery 13.5 Vdc (default), 13.2 ~ 14.6 Vdc adjustable				
Low voltage alarm point	Single battery 10.8 Vdc (default), 9.6 ~ 13Vdc adjustable				
Low voltage shutdown point	Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc adjustable				
OTHERS					
Communications	USB & RJ45 (standard), dry contacts / SNMP (optional)				
Operating temperature	5°C ~ 40°C				
Operating humidity	Relative humidity ≤ 93%				
Noise level	≤ 50 dB (1 m)				
Tower	Dimensions (W x D x H) (mm)	144 x 345 x 215 (S / H)		144 x 410 x 215 (S) 144 x 345 x 215 (H)	157.5 x 460 x 221.5 (S) 190 x 467 x 335.5 (H)
	Packaged dimensions (W x D x H) (mm)	236 x 427 x 316 (S / H)		236 x 492 x 316 (S) 236 x 427 x 316 (H)	238 x 550 x 305 (S) 320 x 592 x 462 (H)
	Net weight (kg)	7.0 (H)	12.2 (S) 11.6 (H)	14.2 (S)	18.5 (S) 17.8 (H) 23.6 (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) 25 (S) 30.0 (H)
Rack-mount (2U)	Dimensions (W x D x H) (mm)	/	440 x 338 x 88	440 x 318 x 88	440 x 428 x 88 440 x 468 x 88
	Packaged dimensions (W x D x H) (mm)	/	611 x 448 x 208	616 x 443 x 190	560 x 545 x 201 597 x 545 x 198
	Net weight (kg)	/	14.6	15	21 27
	Gross weight (kg)	/	16.8	17.2	23.7 29.8

- S means standard model, H means long time model.
- All specifications are subject to change without notice.
- Custom-made specifications are acceptable.