

Online UPS




10 ~ 30 KVA

Features:

- DSP digital control technology
- Active power factor correction (APFC), input power factor up to 0.99
- Output power factor 0.9
- Cold start
- Dual input
- Wide input voltage range (190V ~ 485V)
- Auto sensing frequency
- 50 / 60 Hz frequency conversion mode
- Work efficiency up to 98% in ECO mode
- Auto control fan speed when loads varies
- Auto power ON / OFF according to the load capacity set by users
- Flexible battery configuration for using 14 / 16 / 18 / 20 pcs batteries
- Compact internal layout miniaturizes the complete unit for small footprint
- 5" colorful touchscreen display, friendly human-machine interface
- Powerful background software for parameters configuration and online updating
- Doubling the battery charging speed, 90% capacity restored in 4 hours □ (standard model UPS)
- Linear derating in low voltage input reducing battery discharging times
- Advanced battery management (ABM), automatic floating / equalizing charge control
- Configurable switching time from battery mode to mains mode □ when mains power is restored
- Standard emergency power off (EPO)
- Standard maintenance bypass
- Standard RS232 / USB communication port

Specs

Specs				
MODEL	EA9010P	EA9015P	EA9020P	EA9030P
Capacity	10 KVA / 9 KW	15 KVA / 13.5 KW	20 KVA / 18 KW	30 KVA / 27 KW
INPUT				
Rated voltage	360 V / 380 V / 400 V / 415 Vac			
Voltage range	277 ~ 485 Vac (no derating) 190 ~ 277 Vac (linear derating between 50% and 100% load)			
Rated frequency	50 / 60 Hz (auto-sense)			
Frequency range	40 ~ 70 Hz			
Power factor	≥ 0.99			
Total harmonic distortion (THDI)	≤ 5%			
Bypass voltage range	-40% - +15% (settable)			
OUTPUT				
Voltage	360 V / 380 V / 400 V / 415 Vac (settable)			
Voltage regulation	± 1%			
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range); 50 / 60 Hz ± 0.1 Hz (battery mode)			
Waveform	Sinusoidal			
Crest factor	3 : 1			
Total harmonic distortion (THDV)	≤ 2% (linear load); ≤ 5% (non-linear load)			
Transfer time	Mains mode to battery mode: 0 ms; Inverter mode to bypass mode: 0 ms			
Inverter overload capability	102% ~ 125%: transfer to bypass in 10 mins;			
	125% ~ 150%: transfer to bypass in 1 min;			
	> 150%: transfer to bypass in 0.5 s			
Bypass overload capability	102% ~ 125%: shut down in 20 mins;			
	125% ~ 150%: shut down in 2 mins;			
	> 150%: shut down in 1 s			
BATTERIES				
DC voltage	Standard model: 240 VDC; Long time model: 192 VDC (168 V / 192 V / 216 V / 240 V optional)			
Inbuilt battery of standard model	20 × 7 Ah	40 × 7 Ah	40 × 9 Ah	60 × 9 Ah
Recharge time	Standard model: 90% capacity restored in 4 hours;			
	Long time model: depend on the capacity of battery			

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SYSTEM				
Efficiency	≥ 93%, ECO mode 98%			
Display	5" colorful touch screen			
Alarm	Battery mode, low battery, fans fault etc.			
Max. parallel numbers	6			
EMI	IEC / EN62040-2			
EMS	IEC61000-4-2 (ESD)			
	IEC61000-4-3 (RS)			
	IEC61000-4-4 (EFT)			
	IEC61000-4-5 (surge)			
COMMUNICATIONS				
RS232 / USB / RS485 / dry contacts	Supports Windows® 98/2000/2003/XP/Vista/2008/7/8/10			
SNMP	Power management from SNMP manager and web browser			
OTHERS				
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)			
Noise level	≤ 60 dB (1m)			≤ 65 dB (1m)
Dimensions (mm) W x D x H	350 x 655 x 732 (H)			
	350 x 785 x 858 (S)		350 x 785 x 1078 (S)	
Packaged dimensions (mm) WxDxH	472 x 780 x 920 (H)			
	472 x 910 x 1050 (S)		472 x 910 x 1260 (S)	
Net weight (kg)	55 (H), 110 (S)	60 (H), 155 (S)	61 (H), 175 (S)	65 (H), 235 (S)
Gross weight (kg)	65 (H), 125 (S)	70 (H), 170 (S)	71 (H), 190 (S)	75 (H), 250 (S)
<p>* PS stands for standard model, PH stands long-run model. * Product specifications are subject to change without further notice</p> <p>* Fawar Street, Sed El-Bouchrieh, North-metn, Lebanon * Phone: +961 1899003, +961 1902499 www.greenpower-lb.com</p>				
				
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