

## Specifications

MODEL	EA906IIRT	EA9010IIRT
Capacity	6 KVA / 5400 W	10 KVA / 9000 W
<b>INPUT</b>		
Rated voltage	208 V / 220 V / 230 V / 240 Vac	
Voltage range	Half load (115 ~ 295) $\pm$ 5 Vac, full load (165 ~ 295) $\pm$ 5 Vac	
Frequency	40 ~ 70 Hz $\pm$ 0.5% (auto-sense)	
Power factor	$\geq$ 0.99	
Bypass voltage range	160 V ~ rated output voltage +32 V	
<b>OUTPUT</b>		
Voltage	208 V / 220 V / 230 V / 240 Vac (settable via LCD)	
Voltage regulation	$\pm$ 1%	
Frequency	Synchronized with utility in mains mode; 50 / 60 Hz $\pm$ 0.2 Hz in battery mode	
Waveform	Sinusoidal	
Crest factor	3:1	
Harmonic distortion	$\leq$ 2% (linear load); $\leq$ 5% (non-linear load)	
Transfer time	Mains mode to battery mode: 0 ms; Inverter mode to bypass mode: 0 ms	
Overload	105% ~ 125% for 3 mins, 125% ~ 150% for 30 s, > 150% for 0.5 s	
<b>EFFICIENCY</b>		
Mains mode	$\geq$ 92%	
Battery mode	$\geq$ 91%	
ECO mode	$\geq$ 98%	
<b>BATTERIES</b>		
DC voltage	192 V	
Inbuilt battery of standard model	16 x 7 Ah	16 x 9 Ah
Charging current	Standard model	1 A
	Long time model	1 A / 3 A / 5 A / 8 A
Recharge time	8 h	
<b>ALARMS</b>		
Utility failure	4 s per beep	
Low battery	1 s per beep	
Overload	1 s twice beep	
UPS fault	Long beep	
<b>COMMUNICATIONS</b>		
RS232 (standard), USB (optional)	Supports Windows <sup>®</sup> 98 / 2000 / 2003 / XP / Vista / 2008 / Windows <sup>®</sup> 7 / 8 / 10	
SNMP (optional)	Power management from SNMP manager and web browser	
<b>OTHERS</b>		
Humidity	20~90% RH @ 0~40°C (non-condensing)	
Noise level	$\leq$ 55 dB (1m)	
Long time model	Dimensions (W x D x H) (mm)	440 x 580 x 132 (UPS)
	Packaged dimensions (W x D x H) (mm)	530 x 703 x 227 (UPS)
Standard model	Net / Gross weight (kg)	16.4 / 20.7
	Dimensions (W x D x H) (mm)	440 x 580 x 132 (UPS), 440 x 580 x 132 (BAT)
Standard model	Packaged dimensions (W x D x H) (mm)	530 x 703 x 227 (UPS), 530 x 703 x 227 (BAT)
	Net / Gross weight (kg)	16.4 / 20.7 (UPS) 43.6 / 47.1 (BAT)
		17.1 / 21.4 (UPS) 49.6 / 53.1 (BAT)

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.
- All specifications subject to change without notice.
- Custom-made specifications are acceptable.