

# EA 900 II

1KVA / 2KVA / 3KVA

True On-Line Double Conversion  
Single-phase / Single-phase



## Highlights

- High frequency and true double-conversion
- DSP digital control technology
- Active power factor correction (APFC)
- Input power factor up to 0.99
- Wide input voltage range (110V ~ 300V) and frequency range (40 ~ 70Hz)
- Output power factor 0.9
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- 50 Hz / 60 Hz frequency conversion
- Rear ventilation design and variable speed fan
- Multiple functions settable via LCD
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatic charging in OFF mode
- Automatic Bypass with Overload
- Standard RS232 / UPS communication port
- Optional SNMP communication port



TIS.1291 Part 1-2553  
TIS.1291 Part 2-2553  
TIS.1291 Part 3-2555

### Output power factor 0.9

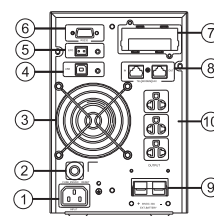
EA900 True Online is a high-density UPS with output power factor 0.9 to provide higher performance and efficiency to critical applications.

### UPS rear panel view

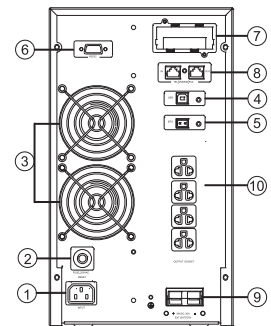
The type of 220V (output could be 208V, 210V, 220V, 230V, 240V)

#### Rear Panel

1. AC Input
2. Overcurrent Protection
3. Fan
4. UPS
5. EPO (optional)
6. RS232
7. SNMP/AS400 (optional)
8. Modem/Tel/Fax
9. DC Input
10. Outlet



a. 0.9PF 1KVA rear panel



b. 0.9PF 2KVA&3KVA rear panel

# EA 900 II

## 1KVA/2KVA /3KVA

### High output power factor 0.9

MODEL	EA901II	EA902II	EA903II	
Capacity (VA/W)	1000VA/900W	2000VA/1800W	3000VA/2700W	
<b>INPUT</b>				
AC Voltage	100V/110V/120VAC ±26%or 220V/230V/240VAC ±26% (-35% optional)			
Frequency	50Hz/60Hz ±10% (Auto-sense)			
Power factor	≥0.99			
<b>OUTPUT</b>				
Voltage	100V/110V/120VAC ±1% or 220V/230V/240VAC ±1% (settable via LCD)			
Frequency	50/60Hz±0.1Hz (battery mode)			
Output Power Factor	0.9			
Crest factor	3:1			
Harmonic distortion	≤2% (Linear Load); ≤5%(non-Linear Load)			
Transfer Time	Mains mode to battery mode : 0ms, Inverter mode to bypass mode :4ms(typical)			
Overload Capability	< 105% continuous 105% - 125% transfer to bypass in 1min 125% - 150% transfer to bypass in 30s > 150% transfer to bypass in 300ms			
<b>EFFICIENCY</b>				
Line Mode	≥ 90%	≥ 91%	≥ 92%	
Battery Mode	≥ 85%	≥ 86%	≥ 87%	
ECO Mode	≥ 95%	≥ 96%	≥ 97%	
<b>BATTERY</b>				
Standard Model	DC Voltage	24V	48V	72V
	Number & Type	2*12V9Ah	4*12V9Ah	6*12V9Ah
	Charge Current	Standard model: 1A (default), 0-5A (adjustable by back-end setting)		
Typical Recharge Time	8 hours recover to 90% capacity			
End Of Discharge Voltage	Single battery 10.2Vdc (default), 9.6-11.5Vdc adjustable			
<b>SYSTEM</b>				
Full Protection	Overload, short circuit, battery overcharge/overdischarge			
EMI	EN62040-1, EN62040-2			
<b>ALARM</b>				
Battery Mode	Keep beeping for 0.4s at interval of 0.16s (quick beep)			
Low Battery	Keep beeping for 1s at interval of 0.5s (long beep)			
Overload	Keep beeping for 1s at interval of 0.5s (twice beep)			
<b>ENVIRONMENT</b>				
Humidity	0-90% RH @ 0-4 0°C(non-condensing)			
Noise Level	≤50dB (1m)			
<b>MANAGEMENT</b>				
USB+RS232	Supports Windows 98/2000/2003/XP/Vista/2008/7/8/10, Linux			
Optional SNMP	Power management from SNMP manager and web browser (standard with slot)			
<b>PHYSICAL</b>				
Dimension(mm) W*D*H	144*336*214	191*418*335	191*464*335	
Packing Dimension(mm) W*D*H	232*417*318	318*533*471	320*573*4471	
Net Weight(kg)	9.5	18	32	
Gross Weight(kg)	10.5	19.5	34	



TIS.1291 Part 1-2553  
TIS.1291 Part 2-2553  
TIS.1291 Part 3-2555

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001, CE, STANDARD

Your choice of power protection