



Rack mount UPS 2 U



True online UPS

Double Conversion High Frequency

EA901-G3A RT

1KVA 900W

Ideal applications

Centralized server center, mainframe, network control center, computing center

Features

- High frequency True on-line double conversion technology.
- DSP (Digital signal processors) / Micro - processor control technology.
- Active power factor correction (APFC) , input power factor up to 0.99
- Output power factor 0.9
- Wide input voltage range (110V ~ 300Vac) and frequency range (40 ~ 70Hz)
- Emergency power off (EPO).
- 50/60Hz frequency conversion , Auto sensing frequency.
- Cold start.
- Rear ventilation design and variable speed fan.
- Effective software and hardware protection.
- Quick and stable charging , 90% capacity restored in 3 h (standard model UPS).
- Linear derating in low voltage input reducing battery discharging times.
- Settable delayed start when power is restored.
- Advanced battery management (ABM).
- Short circuit protection, battery over charge / overdis charge, overload
- Multiple functions settable via LCD : output voltage , EOD , auto-start , bypass mode , ECO mode and frequency conversion mode.
- Multi-platform communications : RS232 /USB (standard)
- Certificates : TIS.1291 Type 1-2553, TIS1291 Type 2-2553, TIS.1291 Type 3-2555 , ISO9001-2015, ISO14001, RoHS

Software UPSmart V1.5

- Supports : Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10
- Connect with USB .
- Automatic timer.
- Current state of the event.
- Display either the meter, figures, graphs.
- Battery level indicator and a load.
- Show the voltage and frequency of the incoming and outgoing flows.



Output Block

EPO RS232 USB



SNMP Card [Optional]

Running indicator light
Alarm indicator light
Output voltage
Load level
Battery level
Frequency



มอก.1291 เล่มที่ 1 - 2553
มอก.1291 เล่มที่ 2 - 2553
มอก.1291 เล่มที่ 3 - 2555



Test standards : EN 62040-2 : 2006
EN 61000-3-2 : 2004+A1:2009+A2:2009
EN61000-3-3 : 2013

Specifications

| | |
|-------------------------------------|--|
| MODEL | EA901S-G3A RT |
| Capacity | 1 KVA / 900 W |
| INPUT | |
| Rated voltage | 220V ± 25% Single phase [2Wires+G] |
| Voltage range | 165 ~ 275Vac |
| Frequency | 40 ~ 70 Hz (auto-sense) |
| Power factor | ≥ 0.99 |
| Bypass voltage range | -25% ~ +15% (settable) |
| OUTPUT | |
| Voltage | 220 V Single phase [2Wires+G] |
| 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 |
| Harmonic distortion | ≤ 2% (linear load) ; ≤ 5% (non-linear load) |
| Transfer time | Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (typical) |
| Overload capability | 105% ~ 125%: transfer to bypass in 1 min ; 125% ~ 150%: transfer to bypass in 30 s ; > 150%: transfer to bypass in 300 ms |
| EFFICIENCY | |
| Mains mode | ≥ 90% |
| Battery mode | ≥ 85% |
| ECO mode | ≥ 95% |
| BATTERIES | Sealed lead acid maintenance free battery type |
| DC voltage | 36 V |
| Inbuilt battery | 3x7.5 Ah |
| Back up time[Full load / Half load] | 5/15 Min |
| Recharge time | Quick charging , 90% capacity restored in 3Hr , (Standard model) |
| ALARMS | |
| Utility failure | 4 s per beep |
| Low battery | 1 s per beep |
| Overload | 1 s twice beep |
| UPS fault | Long beep |
| COMMUNICATIONS | |
| RS232 / USB (standard) | Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10 |
| SNMP (optional) | Power management from SNMP manager and web browser |
| OTHERS | |
| Ambian temperature | 0 ~ 40°C |
| Relative Humidity | 0 ~ 90% (non-condensing) |
| Noise level | ≤ 50 dB (1m) |
| Dimensions (WxDxH) (cm) | 44x46.8x9 |
| Net weight (kg) | 13.78 |

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

บริษัท ซีบีซี อินเตอร์เนชั่นแนล จำกัด
56/12-15 ซอยพรพริมาสุเรนทร์ 45
แขวงสามวาต:จันต เขตคลองสามวา
กรุงเทพมหานคร 10510
โทรศัพท์ : +66 2902 6106-8
โทรสาร : +66 2914 3009

CBC International Limited.
56 /12-15 Soi Prayasuren 45
Samwathawantok, Klongsamwa
Bangkok 10510
Tel : + 66 2902 6106-8
Fax : + 66 2914 3009

cbcinter.co.th
cbcinter.com
E-mail : info@cbcinter.co.th



To be Thai International Power
and Green Energy Company