



True online UPS

Double Conversion High Frequency

EA903-G3A RT

3KVA 2700W

Ideal applications

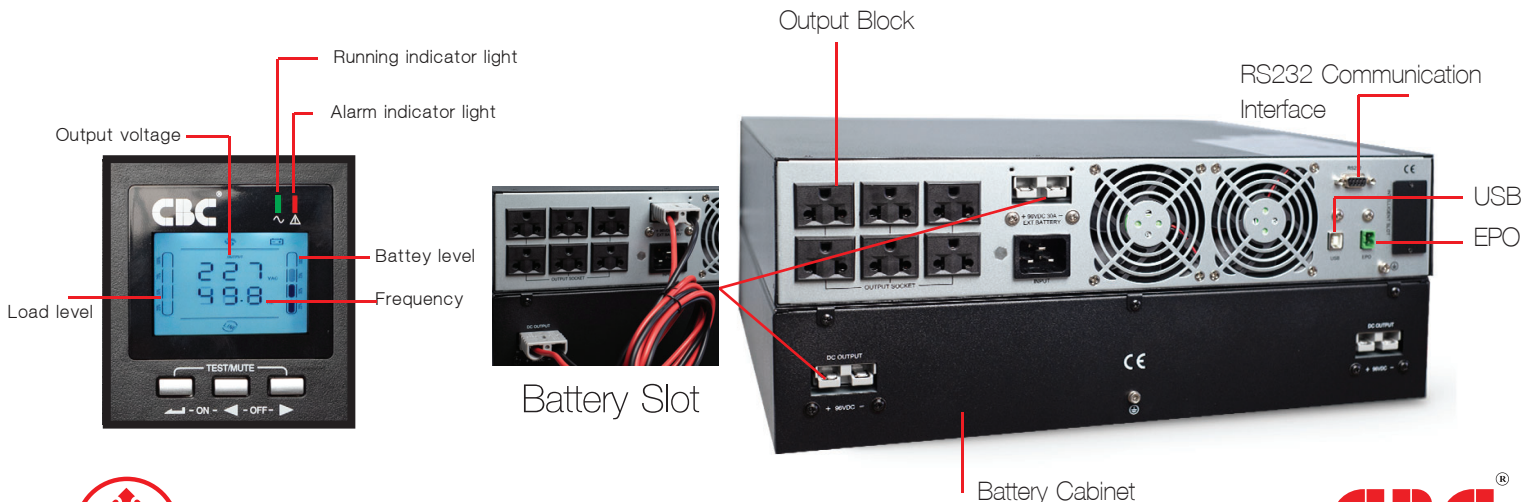
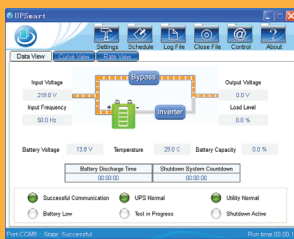
Centralized server center, mainframe, network control center, computing center

Features

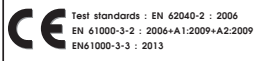
- High frequency True on-line double conversion technology.
- DSP (Digital signal processors) / Micro - processor control technology.
- Active power factor correction (APFC) , input power factor up to 0.99
- Output power factor 0.9
- Wide input voltage range (110V ~ 300Vac) and frequency range (40 ~ 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.



มอก.1291 เล่ม1 - 2553
มอก.1291 เล่ม2 - 2553
มอก.1291 เล่ม3 - 2555
บริษัท ซีบีอี อินเทอร์เน็ต จำกัด



To be Thai International Power and Green Energy Company

Specifications

MODEL	EA903S-G3A RT
Capacity	3 KVA / 2700 W
INPUT	
Rated voltage	220V \pm 25% Single phase [2Wires+G]
Voltage range	165 ~ 275Vac
Frequency	40 ~ 70 Hz (auto-sense)
Power factor	\geq 0.99
Bypass voltage range	-25% ~ +15% (settable)
OUTPUT	
Voltage	220 V Single phase [2Wires+G]
Voltage regulation	\pm 1%
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range) ; 50 / 60 Hz \pm 0.1 Hz (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: 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	\geq 92%
Battery mode	\geq 87%
ECO mode	\geq 97%
BATTERIES	Sealed lead acid maintenance free battery type
DC voltage	96 V
Inbuilt battery	8x7 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	\leq 50 dB (1m)
Dimensions (WxDxH) (cm)	48.5x47x90 [UPS / BAT]
Net weight (kg)	9.45 [UPS] / 27.2 [BAT]

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

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