



CBC[®]
GROUP
UPS
 Uninterruptible
 Power Supply

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

True online UPS

Double Conversion High Frequency

EA902 S-G3A

2KVA 1800W

Features

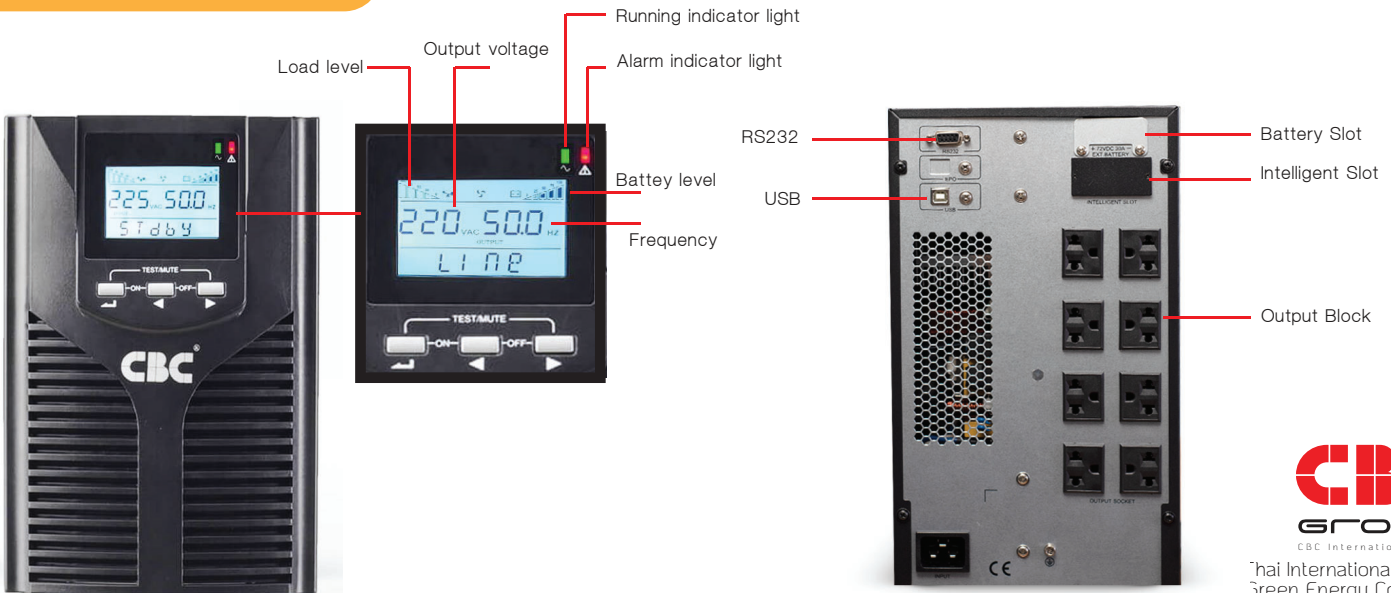
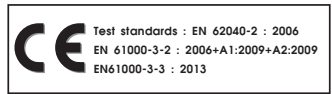
- High frequency True on-line double conversion technology.
- DSP (Digital signal processors) / Micro - processor control technology.
- Active power factor correction (APFC) , input power factor up to 0.99
- Output power factor 0.9
- Wide input voltage range (110V ~ 300Vac) and frequency range (40 ~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



Specifications

MODEL	EA902S-G3A
Capacity	2 KVA / 1800 W
INPUT	
Rated voltage	208 V / 220 V / 230 V / 240 Vac , Single phase [2Wires+G]
Voltage range	110 ~ 176 Vac (linear derating between 50% and 100% load); 176 ~ 280 Vac (no derating); 280 ~ 300 Vac (derating 50%)
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	≥ 92%
Battery mode	≥ 87%
ECO mode	≥ 97%
BATTERIES	Sealed lead acid maintenance free battery type
DC voltage	72 V
Inbuilt battery	6x7 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)	19x41x33
Net weight (kg)	25.7

All specifications subject to change without notice.

Custom - made specifications are acceptable.

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To be Thai International Power
and Green Energy Company