

เครื่องสำรองไฟฟ้า (UPS)

True online UPS Double Conversion High Frequency

EA900-G3A RT 1 kVA to 3 kVA

Rack mount models



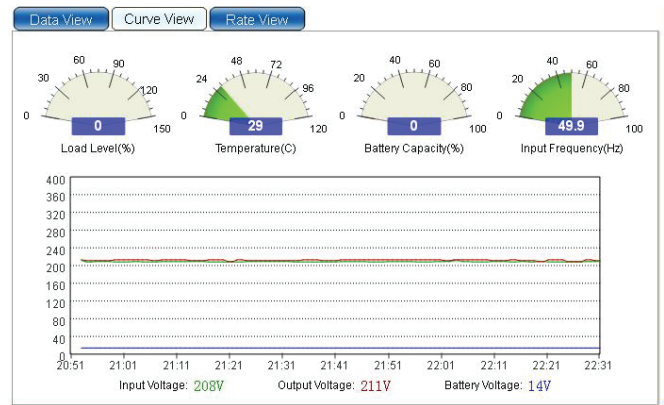
Ideal applications

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

Product 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
- Hot-swappable battery
- 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, overload, overtemperature, battery discharge protection and fan testing protection
- 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, EN, IEC

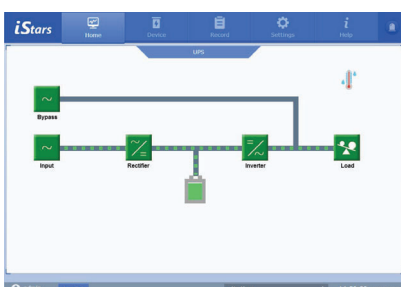
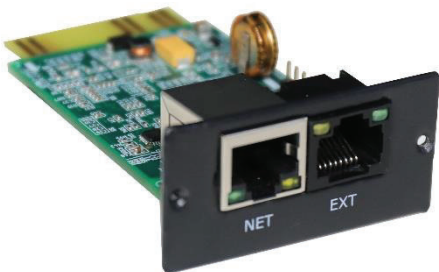
Monitoring Software UPSmart



Features

- Mains, battery, inverter, bypass, and self test etc working status;
- Voltage, frequency, load, battery and other information can real time monitoring;
- Automatically save the common application before shutting down the system, hibernate or shutdown state;
- Can be carried out on the UPS diagnostic testing and can choose a variety of test methods;
- Can be set timing automatic execution of computer and UPS sequence on/off;
- You can query operation and the historical events and the parameters of historical records
- Local alarm and remote alarm functions both available;
- Can be set auto start;

Network interface card (Optional)



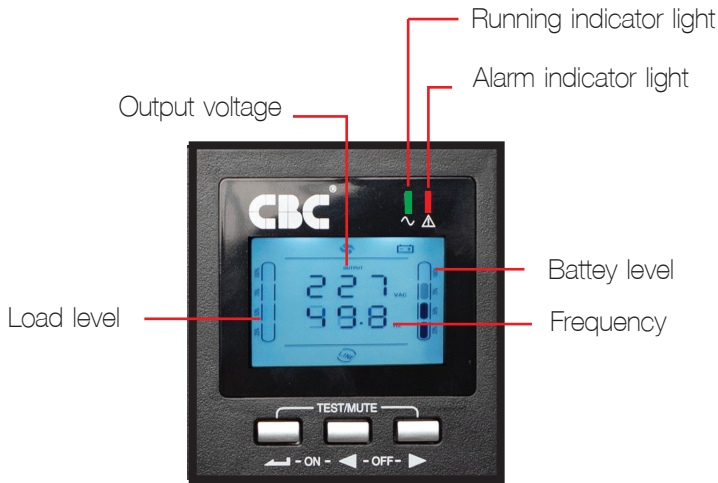
SNMP card enables real-time monitoring of your UPS system via a standard web browser.

SNMP card is new generation network monitoring product.

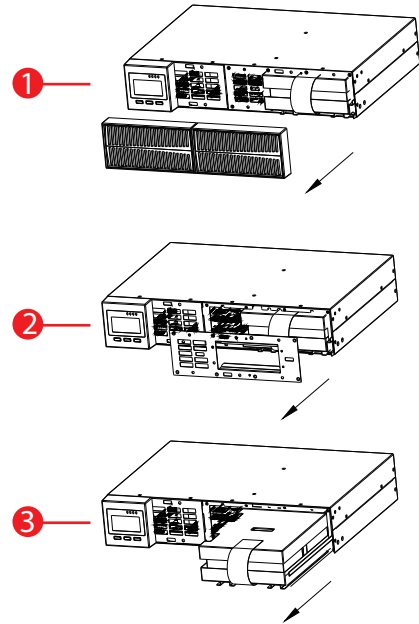
Not only could monitor UPS stand-alone, SNMP card also could real-time network monitor and management of UPS.

Integrated monitoring can be achieved by coordinating corresponding PC software. And it is quite convenient for User to take network management for UPS.

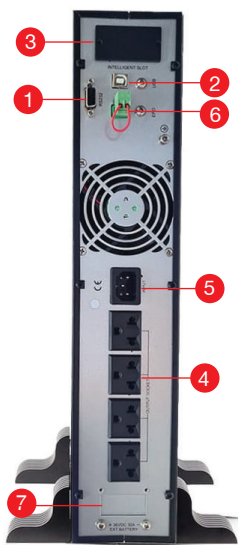
Display



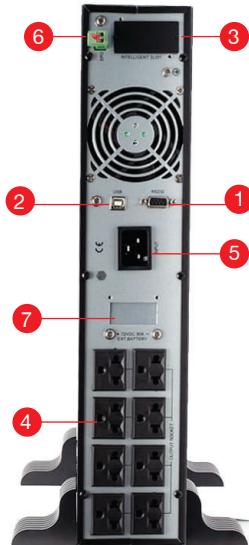
East for maintenance & Hot-Swappable battery



Available models



1kVA (2U)



2kVA (2U)



3kVA (2U UPS and battery cabinet)

1. RS232 Communication Interface

2. USB

3. Intelligent Slot (SNMP) Optional

4. Output Socket

5. AC Input Socket

6. Emergency Power Off (EPO)

7. Battery Slot for long back time model

8. Battery Cabinet

9. Battery Slot

Technical specifications

MODEL	EA901-G3ART	EA902-G3ART	EA903-G3ART
Capacity	1kVA 900W	2kVA 1800W	3kVA 2700W
INPUT			
Rated voltage	208 V / 220 V / 230 V / 240 Vac , Single phase [2Wires+G]		
Voltage range	110 ~ 176Vac (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		
Total harmonic distortion (THDi)	≤ 6%		
Bypass voltage range	-25% ~ +15% (settable)		
OUTPUT			
Voltage	208 V / 220 V / 230 V / 240 Vac (settable via LCD) , 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		
Total harmonic distortion (THDv)	≤ 2% (linear load) ; ≤ 5% (non-linear load)		
Transfer time	Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (typical)		
Power factor	0.9		
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%	≥ 91%	≥ 92%
Battery mode	≥ 85%	≥ 86%	≥ 87%
ECO mode	≥ 95%	≥ 96%	≥ 97%
BATTERIES			
	Sealed lead acid maintenance free battery type		
DC voltage	36 V	72 V	96 V
Inbuilt battery	3× 12V7Ah	6×12V7Ah	8×12V7Ah
Back up time	5 -15 Min (Depend on the load)		
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) (mm)	440×430×88	440×560×88	440×560×88 (UPS and Batt)
Net weight (kg)	15.5	25.6	9.05 (UPS) / 27.2 (batt)

CBC International Limited.

56 /12-15 Soi Prayasuren 45,Samwathawantok, Klongsamwa, Bangkok 10510

Tel : + 66 2902 6106-8 **Fax** : + 66 2914 3009

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

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