

**Green Cell**

# GC RTII Rack UPS

## Product card



### Features:

1. Rack/Tower Convertible Design
2. Patented Minic LCD Display can be rotated
3. True Online Double Conversion
4. High Output Power Factor at 0.9PF
5. Comprehensive display allows easy monitoring and access of UPSstatus
6. Smart SNMP works with either USB or RS232 together
7. Hot-Swappable Battery
8. Efficiency up to 90%
9. Estimated Remaining Time displayed on the LCD
10. Support Economic(ECO) Operation Mode
11. Matching Battery Pack
12. Optional Powerful Charger
13. Cold Start
14. Power Shedding May Turn Off Uncritical Load in Battery Backup
15. Emergency Power Off
16. Frequency Converter Mode Is Settable

### Technical Specifications:

**Model:**

UPS14

**Capacity:** 2000VA / 1800W  
**Phase:** Single phase with ground

#### Input:

**Nominal Voltage:** 200 / 208 / 220 / 230 / 240 Vac  
or 100 / 110 / 115 / 120 / 127 Vac  
**Input Voltage Range:** 55~150Vac or 110~300Vac@  
60% load, 80~145Vac or  
160~300Vac@ 100% load  
**Frequency Range:** 45~55Hz/55~65Hz(Auto-detect)  
**Power Factor:** ≥0.99@Nominal voltage  
(100% load)

#### Output:

**Output Voltage:** 200 / 208 / 220 / 230 / 240 Vac or  
100 / 110 / 115 / 120 / 127 Vac  
**Power Factor:** 0.9  
**Voltage Regulation:** ±1%  
**Frequency Range  
(Synchronized range):** 45~55Hz/56~64Hz  
**Frequency Range  
(Batt. mode):** 50Hz/60Hz ± 0.1 Hz  
**Current crest ratio:** 3:1  
**Harmonic distortion:** ≤3% THD(Linear load)  
≤6% THD(Non-linear load)  
**Transfer time:**  
AC to DC: Zero  
Inverter to bypass: 4ms (Typical)  
**Waveform:** Pure sinewave

#### Efficiency:

**AC Mode:** 89%  
**Battery mode:** 85%

#### Battery:

**Standard model:**  
Battery type: 12V / 9AH  
Numbers: 4 / 6  
Backup time: Estimated remaining time  
Typical recharging time: displayed on the LCD  
4 hours recover to 90% capacity  
Charging current (max.): 1.0A  
Charging voltage: 54.7Vdc ± 1% / 82.1Vdc ± 1%  
**Long run model:**  
Battery numbers: Depending on the capacity  
of external batteries

Charging current (max.):  
Charging voltage:

6A / 12A (Double board)  
54.7Vdc  $\pm$ 1%/82.1Vdc  $\pm$ 1%

### Indicators:

#### LCD:

Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators

### Alarm:

**Battery mode:**  
**Battery low:**  
**Overload:**  
**Fault:**

Beeping every 4 seconds  
Beeping every second  
Beeping twice every second  
Continuously beeping

### Physical:

#### Standard:

Dimension, D\*W\*H(mm):  
Net weight(kgs):

552\*440\*86.5  
20.1/25.1

#### Long run model:

Dimension, D\*W\*H(mm):  
Net weight(kgs):

552\*440\*86.5  
10.9

### Environment:

#### Humidity:

20-90% RH @ 0-40°C  
(Non-condensing)

#### Noise level:

<50dB @ 1 Meter

### Management:

#### Smart RS232/USB :

Supports Windows®  
2000/2003/XP/Nista/2008  
Windows® 7/8 Linux, FreeBSD  
and MAC

#### Optional SNMP:

Power management from SNMP  
manager and web browser

