

**Green Cell**

# GC PowerProof UPS

## Product card



### Features:

1. Line Interactive UPS with simulated sinewave output
2. Excellent microprocessor control guarantess high reliability (Internal self-diagnostic technology)
3. Boost and buck AVR for voltage stabilization (one boost and one buck control)
4. Auto restart while AC is recovering
5. Cold start function
6. Off-mode charging
7. Fast intelligent battery recharge function
8. Offering LED and LCD panels for selections
9. Optional Generator compatible
10. Optional USB/RS232 communication port and RJ11/RJ45 protection

### Technical Specifications:

<b>Model:</b>	UPS02
<b>Capacity(VA/Watts):</b>	800 / 480

### Input:

<b>Nominal Input Voltage:</b>	110 / 120 Vac or 220 / 230 / 240 Vac
<b>Operating Voltage Range:</b>	81~145 Vac / 162~290 Vac
<b>Operating Frequency Range:</b>	60 / 50Hz (auto sensing)

### Output:

<b>AC Voltage Regulation (Batt. mode):</b>	±10%
<b>Frequency Range (Batt. mode):</b>	60 / 50Hz ± 1Hz
<b>Transfer Time:</b>	Typical 2-6ms, 10ms Max.
<b>Waveform (Batt.mode):</b>	Simulated sinewave

### Battery:

<b>Battery voltage:</b>	12Vdc
<b>Battery Type &amp; Number:</b>	12 V / 9 Ah x 1
<b>Typical Recharge Time:</b>	4~6 hours recover to 90% capacity

### Indicators:

<b>LCD Display:</b>	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault and Battery Low
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### Protection:

<b>Full protection:</b>	Short Circuit, Overload, Overcharge and overdischarge protection
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### Alarm:

<b>Battery mode:</b>	Sounding every 10 seconds
<b>Low battery:</b>	Sounding every second
<b>Overload:</b>	Sounding every 0.5 second
<b>Battery replacement Alarm:</b>	Sounding every 2 seconds
<b>Fault:</b>	Continuously sounding

### Management:

<b>Communication port:</b>	USB or RS232 (Supports Windows® 2000/2003/X-P/Vista/2008, Windows® 7, Linux, Unix and MAC)
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### Operating Environment:

<b>Humidity:</b>	0-90 % RH @ 0-40°C (non-condensing)
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**Noise Level:**

Less than 45dB

**Physical:**

**Approx dimension:**

298\*101\*142

D \* W \* H (mm)

**Approx. net weights(kgs):**

Approx. 4.9

**Safety:**

IEC/ EN62040-1; I EC/  
EN60950-1

**EMC:**

IEC/EN62040-2;IEC61000-4-2  
;IEC61000-4-3;

**Performance:**

IEC61000-4-4;IEC61000-4-5;I  
EC61000-4-6;IEC61000-4-8  
IEC/EN62040-3

