

**Green Cell**

# GC PowerProof UPS

## Product card



### Features:

1. Line Interactive UPS with simulated sinewave output
2. Excellent microprocessor control guarantees 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>              | UPS01LCD  |
| <b>Capacity(VA/Watts):</b> | 600 / 360 |

### Input:

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

### Output:

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

### Battery:

**Battery voltage:** 12Vdc  
**Battery Type & Number:** 12 V / 7 Ah x 1  
**Typical Recharge Time:** 4~6 hours recover to 90% capacity

### Indicators:

**LCD Display:** AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault and Battery Low

### Protection:

**Full protection:** Short Circuit, Overload, Overcharge and overdischarge protection

### Alarm:

**Battery mode:** Sounding every 10 seconds  
**Low battery:** Sounding every second  
**Overload:** Sounding every 0.5 second  
**Battery replacement Alarm:** Sounding every 2 seconds  
**Fault:** Continuously sounding

### Management:

**Communication port:** USB or RS232 (Supports Windows® 2000/2003/X-P/Vista/2008, Windows® 7, Linux, Unix and MAC)

### Operating Environment:

**Humidity:** 0-90 % RH @ 0-40°C (non-condensing)

**Noise Level:**

Less than 45dB

**Physical:**

**Approx dimension:**

298\*101\*142

D \* W \* H (mm)

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

Approx. 4.3

**Safety:**

IEC/ EN62040-1; IEC/  
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

