# Green Cell

# GC PowerProof UPS
## Product card

**Features:**

**1.** Line Interactive UPS with Pure Sine Wave 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:**

| | |
|---|---|
| **Model:** | UPS09 |
| **Capacity(VA/Watts):** | 2000 / 1400 |

## Input:

| | |
|---|---|
| Nominal Input Voltage: | 220 / 230 / 240 Vac |
| Operating Voltage Range: | 162~290 Vac |
| Operating Frequency Range: | 50 / 60Hz (auto sensing) |

## Output:

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

## Battery:

| | |
|---|---|
| Battery voltage: | 24Vdc |
| Battery Type & Number: | 12 V / 9 Ah x 2 |
| Typical Recharge Time: | 6~8 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: | Continuosly sounding |

## Management:

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

## Operating Environment:

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

**Noise Level:**                  Less than 55dB

**Physical:**

**Approx dimension:**              380*158*198
D * W * H (mm)
**Approx. net weights(kgs):**       Approx. 12.3
**EMC:**                         IEC/EN62040-2;IEC61000-4-2
                                         ;IEC61000-4-3;
                                         IEC61000-4-4;IEC61000-4-5;I
                                         EC61000-4-6;IEC61000-4-8
**Performance:**                   IEC/EN62040-3



158 mm

198 mm

380 mm