

Description

PROLiNK PRO1201SFC is a single-phase input/ single-phase output Line-Interactive UPS system with PROLiNK's latest Super-Fast Charging technology. This cutting-edge technology is able to recharge the battery back to 90% of its capacity within 3 hours, and is ideal for providing stable backup power to home/ small office applications.

A wide input voltage range is supported due to the integrated 3-Step AVR which features 2 boosts and 1 buck to regulate output voltage. This prevents under voltage brownouts and over voltage surges. The unit also comes with universal sockets to provide better compatibility with a wider range of devices.

Key Features & Benefits

- Built-in super-fast charger, battery can be recharged to 90% of its capacity within 3 hours
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Simulated sine wave
- Off-mode charging
- Cold start function

Capacity : 1200VA

Input

Voltage Range : 140 - 300V \pm 5%
Frequency : 50Hz/60Hz (Auto-sensing)
Phase : Single + GND

Output

Voltage Range : 230VAC +12% -14%
Battery Mode : 230VAC +10% -10%
Frequency : 50Hz \pm 1% (Battery Mode)
Waveform : - Simulated Sine Wave (Battery Mode)
 : - Sine Wave (AC Mode)
Transfer Time : 2ms typical

Battery

Type : 12V/8.2AH - 2pcs
Backup Time : 8 - 30 minutes depending on load
Recharge Time : 2 - 4 hours recover to 90% capacity

Protection / Monitoring

Short Circuit Protection : Yes (Line Mode and Battery Mode)
Surge Protection : Yes
Alarm : Audible & Visual
UPS Protection : Load auto sensing and abnormal protection
Overload Protection : - Line mode: 100 - 120% 5 mins change to fault mode >120% change to fault mode shutdown immediately
: - Battery mode: 100 - 110% alarm & shutdown in 10 secs >120% shutdown immediately
Intelligent Battery Management : Prevent overcharging of battery
: Protect battery and prolong battery life

Interface

Interface* : RJ11

General

Software : Support Windows® 2000/ 2003/ XP/ Vista/ 2008/ 7, Linux, UNIX, and Mac
Noise Level : <40dB
Temperature : 0°C - 40°C
Humidity : 0 - 90%
Power Factor : Up to 0.7
Built in AVR : TRUE Full AVR (3 steps)

Physical

Dimension (mm) D x W x H : 320*130*182mm (product only)
: 390*192*275mm (with box)
Net Weight (KGs) : 8.6 KG (product only)
: 9 KG (with box)