



Super-Fast Charging Line Interactive Series

PRO701SFC



Super Fast
Charging



True
AVR



Wide Input
Voltage



Overload
Protection



Over
Temperature
Protection



Surge
Protection



Early Shutdown
Warning System



Universal
Socket



Prolink PRO701SFC 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 2-4 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

Super Fast Charging

- Battery can be recharged to 90% of its capacity within 2-4 hours

Surge Protection – Provides surge protection for your equipment

- Provides protection for the connected equipment from incoming spikes, surges, etc
- Extra assurance while keeping your network safe from disruptive power surges

Advance Early Warning of UPS Shutdown – Ample time to backup your files

- Immediately alerts you to an output overload, high temperature or low battery condition
- Ample time to either correct the condition or shutdown your system before battery time runs out

Intelligent Battery Management – Better reliability and protection

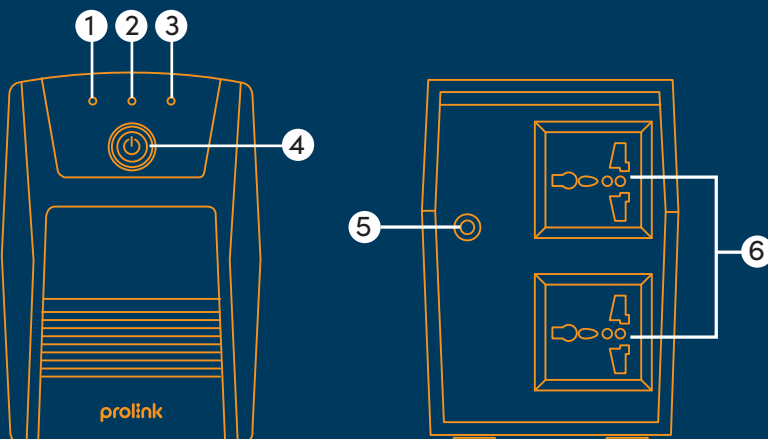
- Additional protection for battery overcharging and deep discharging
- Maximizes battery performance, life and reliability through intelligent precision charging

Over Temperature Protection

- Shuts the power supply down in the event of unacceptably high internal temperatures

Overload Protection

- Initiate the alarm to inform the user in an event of an overload
Automatic shutdown, thus prolonging the lifespan of the UPS



Legend:

1. AC Mode Indicator :
Green LED Lighting
2. Battery Mode Indicator :
Battery Normal : Yellow LED Lighting and Blinking every 30s
Battery Low : Yellow LED Lighting and Blinking every 2s
3. Overload and Fault Indicator
Overload : Red LED Blinking every 2s
Fault : Red LED Lighting
4. Power Switch
5. Power AC Input
6. Backup Outlets

Specifications

Capacity		650VA
Input	Voltage Range	162 ~ 290VAC (Single boost) 140 ~ 300VAC (Double boost)
	Frequency	50Hz/60Hz (Auto-sensing)
	Phase	Single + GND
Output	Voltage Range	220-240VAC
	Battery Mode	220-240VAC
	Frequency	50Hz ±1% (Battery mode)
	Waveform	Simulated sine wave (Battery mode) Sine wave (AC mode)
	Transfer Time	2ms typical
Battery	Type	12V/8.2AH x 1
	Backup Time	8 - 20 mins depending on load
	Recharge Time	2 - 4 hours recover to 90% capacity
Protection/Monitoring	Short Circuit Protection	Yes (Line mode & battery mode)
	Surge Protection	Yes
	Alarm	Audible & Visual
	Overload Protection	Line mode : 100 - 120% 1 min change to fault mode >120% change to fault mode immediately Battery mode : 100 - 120% 1 min change to fault mode >120% change to fault mode immediately
	Intelligent Battery Management	Prevent overcharging of battery Protect battery and prolong battery life
	Management	Protect battery and prolong battery life
Indicator	Display	LED/LCD Optional
	Alarm	Batt. Mode, low battery, overload, fault, etc.
Interface	RS232	Optional
	USB port	Optional
	RJ45/RJ11	Optional
Management	Auto Recharge	Yes
	Auto Restart	Yes
	Power Management Software	Yes
General	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 (D x W x H)	286 x 96 x 138mm
	Weight	4.3 kg

Ver1.0_30.12.2020

Authorised Distributor/ Reseller:

Compatible with:



System Requirements:
Windows XP/Vista/7/8/10, Mac, Linux