



Master II Series (1P/1P)-Rack/Tower

PRO800-ERS/ERL SERIES | 1~3kVA, p.f 0.9



CCTV & Security
Systems



Local Area
Network (LAN)



Work-Stations



Servers



19" Rack
Mount

Prolink **Master II Series (1P/1P) Rack / Tower Type** is a true online double conversion single phase UPS system which is designed to deliver clean and high quality electrical power to fully protect critical devices in wide range of applications. High input power factor correction in the system improves the efficiency and reduces overall losses.

UPS is equipped with 3-stage smart charging design to optimize battery performance. This feature extends the useful service life of battery and optimizes battery recharge time.

The front panel LCD display comes with rotation feature which to be used for both rack and tower types. The UPS systems have USB and RS-232 communication ports as standard, with a built-in intelligent slot for additional adapters, protocol converters and relay contact cards. SNMP option is also available for power management via SNMP manager and web browser.

Prolink Master II series (1P/1P) Rack / Tower p.f 0.9 Type is available in capacities ranging from 1KVA to 3KVA.

In addition, Emergency Power Off (EPO) function is also available for the UPS models and which is used to protect the personnel and the equipment in case of fire outbreak or other types of emergency.

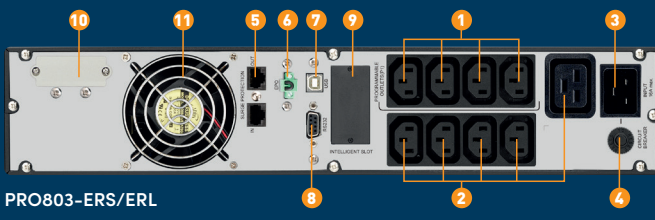
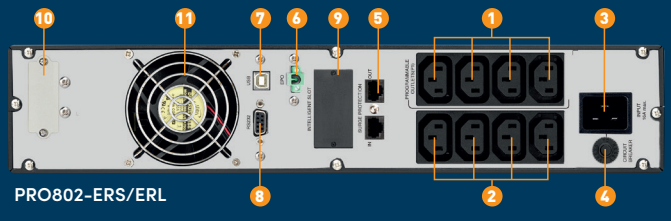
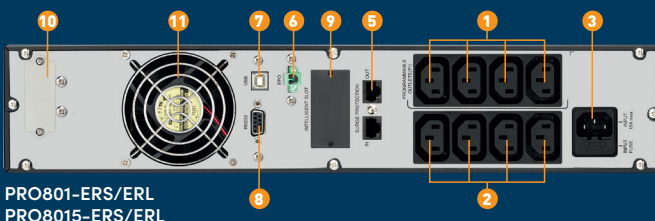
Key Features

- True double-conversion online UPS
- Output power factor 0.9
- User-friendly and easy-shift LCD display
- Rack/Tower design
- Programmable power management outlets
- 50/60 Hz frequency converter mode
- ECO and advanced ECO mode for energy saving
- Emergency Power Off Function (EPO)
- Hot-swappable battery design

Rear Panel

1-3KVA

1. Programmable outlets: connect to non-critical loads
2. Output receptacles: connect to mission-critical loads
3. AC input
4. Input circuit breaker
5. Network/Fax/Modem surge protection
6. Emergency power off function connector (EPO)
7. USB communication port
8. RS-232 communication port
9. Intelligent slot
10. External battery connector
11. Cooling Fan



Specifications

MODEL		PRO801-ERS/ERL	PRO8015-ERS/ERL	PRO802-ERS/ERL	PRO803-ERS/ERL		
PHASE		Single phase with ground					
CAPACITY	VA	1000 VA	1500 VA	2000 VA	3000 VA		
	W	900 W	1350 W	1800 W	2700 W		
INPUT							
Nominal Voltage		200/208/220/230/240 VAC					
Voltage Range		110-300 VAC \pm 5%					
Frequency Range		40Hz ~ 70Hz					
Power Factor		\geq 0.99 @ Nominal Voltage (100% Load)					
OUTPUT							
Output Voltage		200/208/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)		\pm 1%					
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz					
Frequency Range (Batt. Mode)		50 Hz \pm 0.5% or 60Hz \pm 0.5%					
Current Crest Ratio		5:1 (max.)					
Harmonic Distortion		\leq 2 % THD (Linear Load) ; \leq 4 % THD (Non-linear load)					
Transfer Time	AC Mode to Battery Mode	Zero					
	Inverter to Bypass	4 ms (Typical)					
Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY							
AC Mode		90%	90%	91%	91%		
ECO Mode		96%	96%	97%	97%		
Battery Mode		88%	89%	88%	90%		
BATTERY							
Standard Model	Battery Type	12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah		
	Numbers	2	3	4	6		
	Typical Recharge Time	4 hours recover to 90% capacity					
	Charging Current (max.)	1.5 A					
	Charging Voltage	27.4 VDC \pm 1%	41.1 VDC \pm 1%	41.1 VDC \pm 1%	54.8 VDC \pm 1%	82.1 VDC \pm 1%	
Long-run Model	Battery Type	Depending on the capacity of external batteries					
	Numbers	2	3	3	4	6	6
	Charging Current (max.)	1 A / 2 A / 4 A / 8 A					
	Charging Voltage	27.4 VDC \pm 1%	41.1 VDC \pm 1%	41.1 VDC \pm 1%	54.8 VDC \pm 1%	82.1 VDC \pm 1%	82.1 VDC \pm 1%
	INDICATORS						
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator					
ALARM							
Battery Mode		Sounding every 4 seconds					
Low Battery		Sounding every second					
Overload		Sounding twice every second					
Fault		Continuously sounding					
PHYSICAL							
Standard Model	Dimension, D x W x H (mm)	410 x 438 x 88	410 x 438 x 88	510 x 438 x 88	630 x 438 x 88		
	Net Weight (kgs)	11.6	14.5	19.5	27.4		
Long-run Model	Dimension, D x W x H (mm)	410 x 438 x 88	410 x 438 x 88	410 x 438 x 88	510 x 438 x 88		
	Net Weight (kgs)	6.4	6.5	6.5	10.5		
ENVIRONMENT							
Humidity		20-90 % RH @ 0-40°C (Non-condensing)					
Noise Level		Less than 50dBA @ 1 Meter					
MANAGEMENT							
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC					
Optional SNMP		Power management from SNMP manager and web browser					
COMPLIANCE STANDARDS							
Safety		IEC/EN 62040-1					
EMC		IEC/EN 62040-2					
Performance		IEC/EN 62040-3					

**Derate to 80% when the output voltage is adjusted to 200VAC/208VAC.
Product specifications are subject to change without further notice.
100/110/115/120/127VAC input and output is available as an option for 1-3KVA

Ver1.0_19.05.2021

Authorised Distributor/ Reseller:

Compatible with:



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