



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.

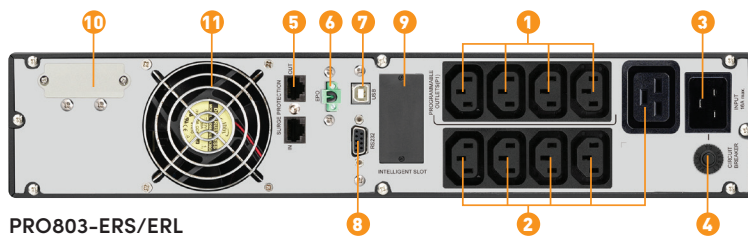
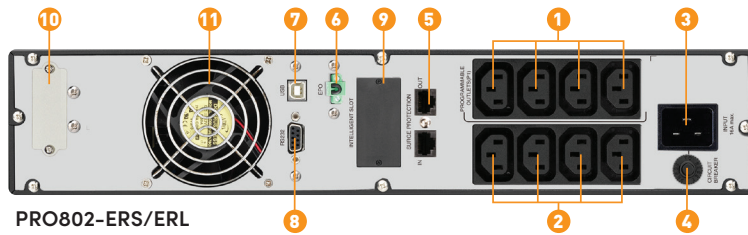
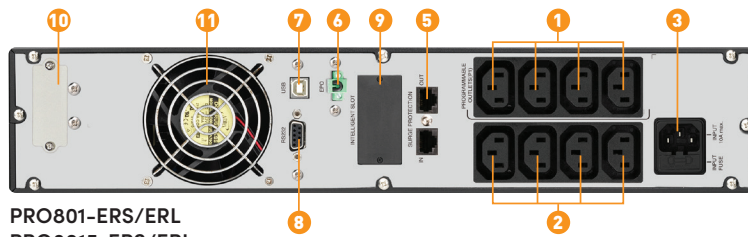
Key Features

- 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)
- SNMP/USB/RS-232 multiple communications
- Hot-swappable battery design
- Generator compatible
- Auto restart while AC is recovering

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 surge protection
6. Emergency power off function connector (EPO)
7. USB communication port
8. RS-232 communication port
9. Intelligent slot (SNMP/AS400 /Modbus Card options)
10. External battery connection (only available for L model)
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 ± 5%							
Frequency Range		40Hz ~ 70Hz							
Power Factor		≧ 0.99 @ Nominal Voltage (100% Load)							
OUTPUT									
Nominal Voltage		200/208/220/230/240 VAC							
Voltage Regulation (Batt. Mode)		± 1%							
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz							
Frequency Range (Batt. Mode)		50 Hz ± 0.5% or 60Hz ± 0.5%							
Current Crest Ratio		5:1 (max.)							
Harmonic Distortion		≦ 2 % THD (Linear Load) ; ≦ 4 % THD (Non-linear load)							
Transfer Time	AC Mode to Battery Mode	Zero							
	Inverter to Bypass	4 ms (Typical)							
Waveform (Batt. Mode)		Pure Sine Wave							
Overload capability		100~110% for warning only, 110~130% for 5 min, 130~150% for 20 secs							
EFFICIENCY									
AC Mode		90%		90%		91%		91%	
ECO Mode		97% @ battery fully charged							
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 (option)	3		4		6	
	Typical Recharge Time	4 hours recover to 90% capacity							
	Charging Current (max.)	1.5 A							
	Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%		54.8 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±1%	
Long-run Model	Battery Type	Depending on the capacity of external batteries							
	Numbers	2	3 (option)	3		4	6	6	
	Charging Current (max.)	1 A / 2 A / 4 A / 8 A							
	Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%		54.8 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±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	14.2	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									
Operating Temperature		0- 40°C							
Humidity		0~95% RH (Non-condensing)							
Noise Level		Less than 50dBA @ 1 Meter							
SURGE PROTECTION AND FILTERING									
Surge Energy Rating (Joules)		1620J		1620J		2106J		970J	
MANAGEMENT									
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10/11, 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