



Giant Series (1P/1P)-Tower

PRO 600-S/L SERIES | 6~10KVA, p.f 0.8



Local Area Network (LAN)



Telecommunication Devices



Electro-Medical Device



PLC Control Systems



Emergency Alarm Devices

Prolink Giant Series (1P/1P) true online double conversion UPS systems are using Galvanic Isolation design to withstand all kinds of loads. The UPS applies an advanced digital controller to control the double conversion system, and with an isolated transformer at the output to protect the load and the UPS itself. The system has unique ventilation design for effective heat dissipation. All internal PCBAs are coated to withstand harsh environment. The unit is able to accept wide input voltage and frequency range to withstand robust environment.

Users can easily monitor and access to their UPS status from a comprehensive LCD display. 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. Giant (1P/1P) series are available in models ranging from 6kVA to 10kVA.



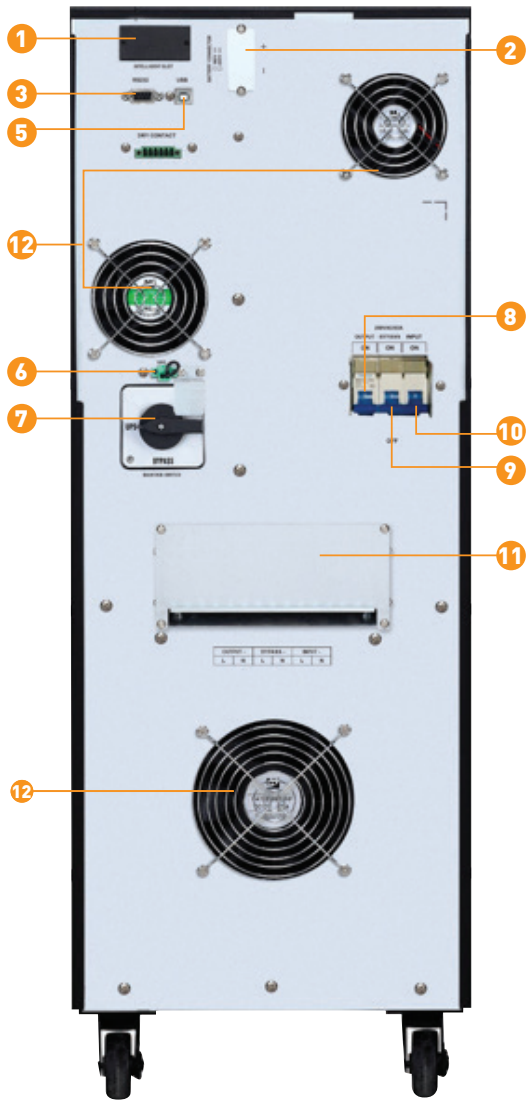
Key Features

- Galvanic isolation design to withstand all kinds of loads
- Output power factor 0.8
- Fully coating PCBAs to withstand harsh environment
- Unique ventilation design for effective heat dissipation
- Wide input voltage and frequency range to withstand robust environment
- High short-circuit and overload capabilities
- Maintenance bypass switch (option)

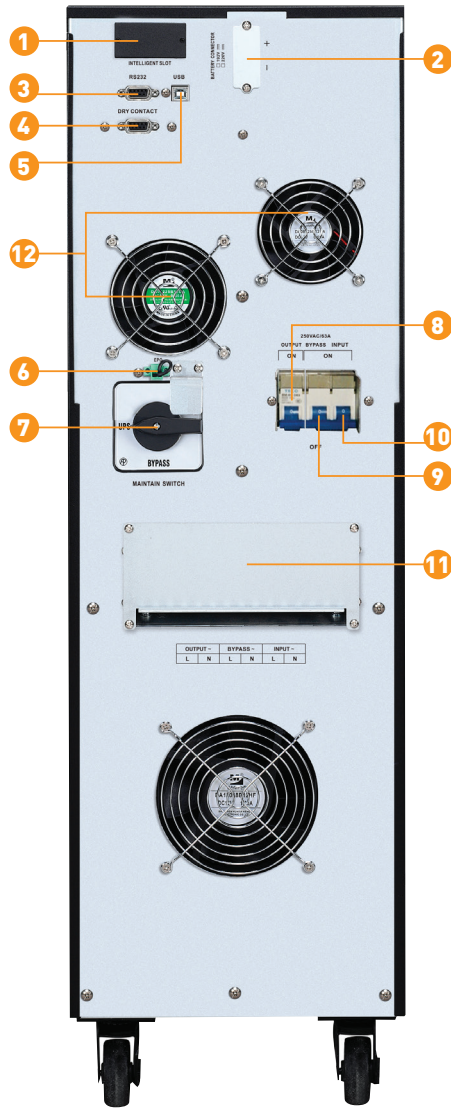
Rear Panel

6-10KVA

1. Intelligent slot
2. External battery connection (only available for L model)
3. RS-232 communication port
4. Dry contact port
5. USB communication port
6. Emergency power off function connector (EPO connector)
7. Maintenance bypass switch (option)
8. Output Breaker
9. Bypass Breaker
10. Input circuit breaker
11. Output/Bypass/Input terminal
12. Cooling fan



PRO 606-S/PRO 608-S/PRO 610-S



PRO606-L/PRO608-L/PRO610-L



Specifications

MODEL		PRO606-S/L		PRO608-S/L		PRO610-S/L	
PHASE		Single phase with ground					
CAPACITY		6KVA / 4.8KW		7.5KVA / 6KW		10KVA / 8KW	
INPUT							
Nominal Voltage		208VAC/220VAC/230VAC					
Voltage Range		165VAC ~ 275VAC @ 16 pcs of batteries 185VAC ~ 275VAC @ 18 pcs of batteries					
Frequency		40 Hz ~ 55 Hz @ 50Hz system 56 Hz ~ 64 Hz @ 60Hz system					
OUTPUT							
Output Voltage		208VAC/220VAC/230VAC					
Voltage Regulation		± 1%					
Frequency Range (Synchronized Range)		45Hz ~ 55 Hz or 56 Hz ~ 64 Hz					
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz					
Current Crest Ratio		3:1					
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)					
Transfer Time	AC to DC	Zero					
	Inverter to Bypass	Zero					
Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY							
AC Mode		88.3%					
Battery Mode		92%					
BATTERY							
Standard Model	Battery Type	12V / 9Ah					
	Battery Numbers	16pcs					
	Recharge Time	6 hours recovers to 90% capacity					
	Charging Current (max.)	2A					
	Charging Voltage	218.4 V ± 1%					
Long-run Model	Battery Type	Depending on the applications					
	Battery Numbers	16 pcs	18 pcs	16pcs	18 pcs	16pcs	18 pcs
	Charging Current (max.)	Default :8 A ± 10%; Max: 2A, 4A, 8A(Adjustable)					
	Charging Voltage	218.4 V ± 1%	245.7 V ± 1%	218.4 V ± 1%	245.7 V ± 1%	218.4 V ± 1%	245.7 V ± 1%
INDICATORS							
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators					
ALARM							
Battery Mode		Sounding every 4 seconds					
Low Battery		Sounding every second					
Overload		Sounding twice every second					
Fault		Continuously sounding					
PHYSICAL							
Standard Model	Dimensions, DxWxH(mm)	562 x 300 x 830					
	Net Weight (Kgs)	106		122		130	
Long-run Model	Dimensions, DxWxH(mm)	562 x 250 x 830					
	Net Weight (Kgs)	62		78		86	
ENVIRONMENT							
Operating Temperature		0 ~ 50°C (battery life cycle will be shorten when temperature is above 25°C)					
Operating Humidity		< 95 % and non-condensing					
Noise Level		Less than 60dBA @ 1 Meter					
MANAGEMENT							
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix, and MAC					
Dry Contact		Five signals: AC failure, low battery, UPS alarm, bypass and UPS fault					
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					

Product specifications are subject to change without further notice.

Ver1.1_23.06.2022

Authorised Distributor/ Reseller:

Compatible with:



Windows



macOS



Linux