



Giant II Series 3P/3P

PRO63300-EL | 10~160KVA, p.f 0.9



Media Broadcasting
Station



Electro-Medical
Device



PLC Control
Systems



CT scan /
MRI scan



Industrial
Automation



Building Management
System

Prolink Giant II Series 3 phase UPS system uses true online double conversion technology with galvanic isolation transformer design which guarantees to supply consistent and quality electrical power to protect your mission critical applications. DSP control technology is implemented for the system to have improved performance and high reliability. All internal PCBAs are coated to withstand harsh environment.

Users can easily monitor and access to their UPS status from 7" comprehensive touch screen LCD display. UPS operating status and alarms are stored inside event/ data log. 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 II (3P/3P) series is available in models ranging from 10kVA to 160kVA. In addition, the system comes with a parallel redundant configuration option that allows four units to operate in parallel.



Touch Color LCD



Key Features

- True online double conversion with DSP control
- Output power factor 0.9, customized up to 1.0
- Galvanic isolation eliminates common mode noise and provides the cleanest power in the most demanding conditions
- Conformal coating ensures operation stability and safety in critical environment
- Standard IP31 protection, optional IP42 to withstand harsh environment
- Sustains long-term operation for all types of loads under low input voltage
- Redundant design to guarantee product reliability
- Temperature compensation to prolong battery life
- 7" touch color LCD with customized control setting and accessible informative data of the UPS
- Accepts dual-mains inputs
- Parallel capability up to 4 units
- Optional 40kA surge protection module
- Optional footmaster caster wheel available

Specifications

MODEL	PRO63310-EL	PRO63315-EL	PRO63320-EL	PRO63330-EL	PRO63340-EL	PRO63360-EL	PRO63380-EL	PRO633100-EL	PRO633120-EL	PRO633160-EL
CAPACITY	10KVA/9KW	15KVA/13.5KW	20KVA /18KW	30 KVA/27KW	40KVA/36KW	60KVA/54KW	80KVA/72KW	100KVA/90KW	120 KVA/108KW	160 KVA/144KW
INPUT										
Rectifier Type	6 pulse									
Main Input and Bypass Input	Supports dual inputs									
Nominal Voltage	380VAC/400VAC/415VAC									
Acceptable Voltage Range	304VAC ~ 456VAC									
Frequency	50Hz ± 10%									
TVSS	40kA (optional)									
BYPASS										
Nominal Voltage	380VAC/400VAC/415VAC									
Input Voltage Range	285~485VAC									
BATTERY										
Battery Voltage	384 VDC (Adjustable)									
Numbers	32 pcs (29~32 pcs adjustable)									
Type	VRLA Battery									
Charger voltage	290VDC~435VDC (Adjustable)									
Charging current (max)	20A	40A			50A					
Cold Start	Yes									
OUTPUT										
Power Factor	0.9, customized up to 1.0									
Nominal Voltage	380VAC/400VAC/415VAC									
Voltage Regulation	±1%									
Overload Capability	110% continuous running, 125% for 10min, 150% for 1min, >160% for 200ms									
Total Harmonic Distortion (THDv)	≅ 2 % THD (Linear Load) ; ≅ 5 % THD (Non-linear Load)									
SYSTEM										
Efficiency	Line Mode	Up to 93%								
	Battery Mode	Up to 94%								
	ECO Mode	≧96%								
ECO Mode (Non-parallel models)		Yes								
EPO Function		Yes								
PHYSICAL										
Dimensions,DxWxH(mm)	656 x 405 x 817		656 x 405 x 941		821 x 432 x 1159		975 x 554 x 1286		975 x 635 x 1326	1051 x 705 x 1646
Net Weight (Kgs)	120	145	193	278	365	471	573	650	735	790
IP Rating	IP31 (default), IP42 (optional)									
ENVIRONMENT										
Operating Temperature	0~ 50°C (output power derating at operating temperature 40°C and above)									
Humidity	0-95% RH (non-condensing)									
Noise Level	Less then 70dB @ 1m									
Altitude	1000m									
MANAGEMENT										
Modbus RS-232/RS485	Supports Windows® family, Linux and MAC									
Dry Contacts	5 outputs and 4 inputs									
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.