Prolong-UPS™ Series
1kVA to 10kVA

POWERPRO®

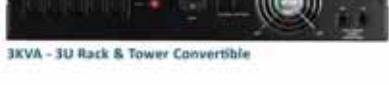## Single Phase Pure Sine Wave UPS
for servers, routers, switches, hubs and other network devices.

Back Panel for all models

1KVA/1.5KVA - 1U Rack

1KVA/1.5KVA/2KVA - 3U Rack & Tower Convertible

3KVA - 3U Rack & Tower Convertible

650VA Tower

5KVA - 3U Rack & Tower Convertible

7.5KVA - 10KVA - 3U Rack & Tower Convertible

1KVA/1.5KVA/2KVA Tower

Functions

Rack & tower convertible
Super compact & special layout design enable rack & tower convertible for space-saving and rack applicability.

Easy swap battery replacement
User-friendly design for easier swappable battery replacement allows users to replace batteries simply from the front panel.

Options

Detachable LCD control panel
Super compact & special layout design enable rack & tower convertible for space-saving and rack applicability.

Multiple interfaces cards
With a multi-interface slot & an additional multi-interface card, various communications combinations are selectable. This includes RS232, SNMP, RS485, Modbus, USB, Dry Contact & customized interfaces. All communication interfaces can be enabled at the same time.

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Features

- True bilateral converter line-interactive UPS
- Pure sine wave for both linear and non-linear loads
- Available from 650VA to 10kVA in tower, 1U rack or 2U Rack/Tower convertible
- Standard & long backup time models available
- Multi interface slots for RS232, SNMP, RS485, Modbus, USB, Dry Contact & customized interfaces
- Multi interface slot provide extra communication selectable. All communication interfaces can be enabled at the same time

- Complete protection for overload, overheat, surges, spikes, short circuit, overcharge & fool-proof wiring installation
- Detachable interactive LCD control panel (optional)
- Remaining real time backup time calculation
- User-friendly easy swap battery replacement design
- Built-in powerful charger with input power factor correction
- Emergency power-off (ECO) available
- Intelligent fan speed control
- DC start, integrate with Genset

Technical Specification of Prolong-UPS™ Series *

MODEL		PROLONG 650T	PROLONG 1000T PROLONG 1000R	PROLONG 1500T PROLONG 1500R	PROLONG 2000T PROLONG 2000RT	PROLONG 3000RT	PROLONG 5000RT	PROLONG 7500RT	PROLONG 10KRT
CAPACITY in VA		650	1000	1500	2000	3000	5000	7500	10000
CAPACITY in WATT		406	625	938	1250	1875	3125	4688	6250
Input Voltage	Voltage Range	Normal : 230V (settable to 220V, 230V, 240V) Acceptable : 170V ~300VAC							
	Frequency	45 Hz - 70 Hz Auto sensing							
Output	Voltage	220/230/240VAC resettable via LCD panel							
	Voltage Regulation in normal mode	±15%							
	Voltage Regulation in battery mode	< 3% RMS for entire battery voltage range							
	Frequency Regulation in normal mode	Synchronize to AC Mains							
	Frequency Regulation in battery mode	50 / 60 Hz ± 0.1Hz							
	Wave Form	Pure Sine Wave							
	Efficiency	>80%							
	Overload Protection in normal mode	> 110 %, then Buzzer Alarm sounds and Amber LED blinks continuously							
	Overload Protection in battery mode	110 %~150% for 30 sec, >150% for 200ms, then UPS shuts down							
	Short Circuit Protection in normal mode	Circuit Breaker							
	Short Circuit Protection in battery mode	Electonic Circuit							
DC Cold Start		Yes							
Typical Transfer Time		< 4ms							
Control Panel LCD Display		UPS status, Input & Output Voltage Frequency, Load Level, Battery Voltage & Level, Temperature, Model							
Audible Alarm	Battery Mode	Beeping every 4 seconds							
	Low Battery	Beeping every second							
	UPS Fault	Beeping Continuously							
	Overload	Beeping twice every second							
Communication Interface (Standard)		USB	RS232						
Communication Interface (Options)		N/A	Various Combination of RS232, SNMP, USB, Dry Contact, AS400, Modbus						
Environment	Operation Temperature	0-40 degree C ; 32-104 degree F							
	Relative Humidity	0 - 95% non-condensing							
	Audible Noise	Less than 55dBA							
Safety Conformance	Safety Standard	EN62040 - 1 - 2							
	EMC	EN62040 - 2							
	Marks	CE,cUL, IL							
Dimension (WxHxD)mm	Towel Model	115*322*130	145*210*380	145*210*445	145*210*445	440*132 (3U)*465	440*132 (3U)*620	440*132 (3U)*465	440*132 (3U)*465
	Rack Model	N/A	440*44(1U)*515	440*44(1U)*515	440*88(2U)*465				
Weight (kg)	Towel Model	6.2	16.5	17.5	22.5	36.9	49.8	34.6	36.6
	Rack Model	N/A	18	20	24.5				
IEC outlets(no)	Towel Model	3	6	6	6	10	10+1* terminal block	5+1* terminal block	5+1* terminal block
	Rack Model	N/A	4	4	6				

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