

## PROLINE RACK ONLINE UPS INTERNAL BATTERY



### PROLINE RACK ONLINE UPS INTERNAL BATTERY

#### *High-Density Online Double Conversion UPS*

The **QUANT PROLINE Rack Online UPS** is designed for mission-critical rack installations where continuous, clean, and stable power is essential.

Using true online double-conversion technology, 3-level inverter topology, and full digital DSP control, it provides maximum reliability and efficiency for sensitive equipment in IT, ELV, medical, financial, and industrial environments.

The series includes high-power-density models, delivering up to 10 kW in only 2U rack height, optimizing space for modern data center and enterprise applications.



#### KEY FEATURES

- **True Online Double-Conversion Architecture**  
Zero transfer time for complete protection against all power problems.
- **High Power Density – 10 kW in 2U**  
Ideal for high-load, space-critical rack systems.
- **Output Power Factor = 1.0**  
Full kW output for maximum load compatibility.
- **Advanced 3-Level IGBT Technology**  
High efficiency, low heat loss, stable operation.
- **Wide Input Voltage Window**  
Supports unstable AC environments without using battery power.
- **Intelligent Battery Management (IBM)**  
Automatic battery test, optimized charging, extended battery life.
- **Supports Half-Wave and Non-Linear Loads**  
Suitable for server loads, IT equipment, CCTV, and ELV systems.
- **Automatic Fault Waveform Recording**  
Provides diagnostic data for maintenance engineers.
- **Self-Aging / Internal Load Test Function**  
Allows UPS testing without external load bank.

## PROLINE RACK ONLINE UPS INTERNAL BATTERY



### TECHNICAL SPECIFICATIONS

Model		PL-R006-I	PL-R010-I
Battery voltage		Default 192VDC ,settable	
Max charging		1A	
Efficiency –normal mode		Max 95%	
Noise (1 meter)		<58dB	
Overload	Normal mode	105%~110%: 10mins,111%~125%: 1 min,126%~150%: 30 seconds	
	ECO mode	<125%: long time,126%~130%:5mins,131%~150%:1min,>150%:200ms	
Communication		RS232, EPO, RS485	
Option		AS400, USB, SNMP card, 12A charger, Parallel kit, Air filter	
Dimension W*D*H(mm)		440*660*172	
Weight(kg)		62.5	63
Country of Origin		Malaysia	
Certifications		CE	
Warranty		2 Years	

## PROLINE RACK ONLINE UPS INTERNAL BATTERY



### OPTIONS & ACCESSORIES

- SNMP network management card
- AS400 potential-free contact card
- USB communication module
- High-current 12A charging module
- Parallel redundancy kit
- Rack-mountable external battery pack
- Air filter kit

### APPLICATIONS

- Data centers and server rooms
- Network racks and communication rooms
- CCTV recording servers
- Access control and ELV infrastructure
- Government and financial institutions
- Medical diagnostics and laboratory systems
- Broadcasting and telecommunications
- Industrial control and automation

### ORDERING INFORMATION

Model	Description
PL-R006-I	QUANT PROLINE Rack Online UPS, 6kVA/6kW
PL-R010-I	QUANT PROLINE Rack Online UPS, 10kVA/10kW

