

# Raptor X Modules

Modular UPS Systems

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Modular UPS Systems 10kVA - 50kVA  
3 Phase 200V / 208V / 220V

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Modular UPS Systems

## True Online Modular UPS 10-kVA - 50kVA



10kVA Power Modules  
N+5 up to 50kVA



Each System Contains a Monitoring/Bypass Module  
and up to 5 x 10kVA UPS Modules

Rack, modular, scalable, hot-swappable, true online double conversion UPS systems ranging from 10kVA to 50kVA. The RaptorXModule UPS System is ideal for commercial data centers, shipboard applications, and other mission critical environments.

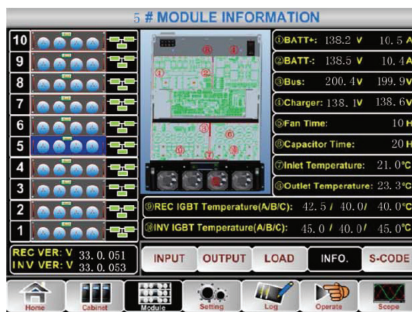


Intuitive HMI

Fully Integrated Solution  
Up to 98% Efficient  
Hot-Swappable  
Low 1% THD

## True Online Modular UPS 10kVA - 50kVA

Enterprise level system management with a 7" LCD touch screen HMI



## Mission Critical Features

### Rack Modular Design

Modular design, compatible with 19" standard rack cabinets.

### High Power Density

10kVA power module in a 2U enclosure.

### Fully Integrated

Integrate with external batteries, bypass, and PDU.

### Intuitive HMI Display

7" Color LCD to manage and monitor the entire system.

### Intelligent Charging

Intelligent charging & discharging control for max battery life

### Self-Aging Mode

Energy cycle technology allows for full load operation.

### Low 1% THD

Less than 1% THD attached to a linear load.

### Frequency Range

Wide 40Hz to 70Hz input avoids unnecessary shutdowns.

### Remote Management

Remote control and monitoring via SNMP interface.

# SPECIFICATIONS

MODEL	RXM050/10x	RXM 030/10X	RXM020/10X
Capacity	50kVA/50kW	30kVA/ 30kW	20kVa/20kW
Power Module	PD10X(10Kva/10Kw)		
<b>INPUT</b>			
Phase	3 Phase + Neutral + Ground ( 200V / 208V / 220V)		
Voltage Range	187 ~ 260 Vac (Line - Line), Full Load; 125 V ~ 187Vac (Line - Line), Load Derated Linearly		
Frequency Range	40Hz - 70Hz		
Power Factor	> 0.99		
THDi	THDi , 4% @ 100% Linear Load		
<b>OUTPUT</b>			
Voltage	200V / 208V / 220V		
Voltage Regulation	1.50%		
Power Fator	1		
THD	THD < 1% ( Linear Load), THD < 5.5% (Non- Linear Load)		
Crest Factor	3:01		
Overload Capability	100% for 10 Min; 125% for 1 min; 150% for 30S; 150% for 200ms		
<b>BATTERY</b>			
Voltage	± 120 VDC		
Charge Power	20 % of System Power		
Charge Voltage Precision	± 1 %		
<b>SYSTEM</b>			
System Efficiency	Normal Mode: 93%; ECO Mode: 98%; Battery Mode: 92.5%		
Display	7.0 " Color Touch Screen LCD + LED + Keyboard		
IP Class	IP20		
Interface	Standard: RS2632, RS485, Dry Contacts; Optional SNMP		
Operation / Storage Temperature	0-40 °C / -40-70°C		
Relative Humidity	0 - 95 % (Non - Condensing)		
Nosie	58 dB @ Full Load, 52dB @ 45% Load (1 Meter Away)		
<b>PHYSICAL</b>			
Cabinet Weight (lbs)	187	112	92
Power Module Weight (lbs)	33.73		
Cabinet Dimensions W*D*H (in)	19 x 29.5 x 40.6	19 x 29.5 x 22.6	19 x 27.4 x 15.6
Power Module Dimensions W*D*H (in)	17 x 23 x 3.3		