

# RM33 Series Integrated Power Distribution System

## Integrated Power Distribution System

The integrated power distribution system chosen for this solution has several advantages. It can integrate UPS system and power distribution unit into standard cabinet, and the high-density design can handle the compact installation space requirements of this project.



30kVA~180kVA  
Optional

**Embedded Rackmount Modular UPS**



Level-2 SPD

**Rackmount Power Distribution Unit  
(Circuit Breaker Panel)**

## Key Features

- Modular design, compatible with 19" standard rack cabinet
- Quick installation, flexible and convenient
- 7-inch touchscreen color LCD display with graphic display, and clear visibility of operating parameters
- Integrated solution for data center, UPS can integrate with battery cabinet
- Hot swappable power module, The ability to parallel up to 6 units, with the flexibility to share battery packs and adjust between 30-50 battery cells.
- Level-2 SPD surge protection, maximum 60kA 8/20 $\mu$ s

## Application Scenario

Widely used in Small-scale and Medium-scale IDC, container data center, information computer room, monitoring center, control system, communication system, and used for IT infrastructure.

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## [Integrated power distribution system >>>](#)

### RM33-60/150/180 Series Modular UPS System Specifications

Model	UPS-RM33-60	UPS-RM33-150	UPS-RM33-180
Capacity	60kVA (2 power modules)	150kVA (5 power modules)	180kVA (6 power modules)
Voltage	Three-phase + N + PE line, 380/400/415VAC		
Frequency	50 / 60 Hz		
Input	Factor >0.99		
Battery	Voltage ±192VDC~±264VDC (32-44pcs)		
	Voltage 380/400/415VAC (Self-adaption)		
	Frequency 50 / 60 Hz		
Output	Factor 1		
Inverter overload	110~125%, turn bypass after 10 minutes; 125~150%, turn bypass after 1 minute; >150%, 200ms back to bypass		
Efficiency	Main input mode: 95% MAX, ECO mode: 98%, Battery mode: 94.5%		
Display	LCD + LED + Full color touch screen 7 inch		
Protection class	IP20		
Communication interface	RS232, RS485		
Environment temperature and humidity	0~40°C, 0~95%(No condensation)		
Noises	56dB @Distance 1m		
Optional	SNMP card, Parallel Kits, Lightning protection assembly		
Dimensions for host (Length*Width*Height) mm	485*785*357	485*785*535	485*785*713
Dimensions for 30kVA module		440*620*85 (2U)	
Weight for host	220kg	280kg	310kg
Weight for 30kVA module		25.8kg	