



30kVA Modular Online UPS User-configurable Power Protection with Seamless Expansion

Our Product Introduction

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Basic Information

- Place of Origin: SHENZHEN
- Brand Name: Daxin
- Certification: /
- Model Number: RM33-90KVA
- Minimum Order Quantity: 1 SET
- Packaging Details: Wooden case with pallet
- Delivery Time: 20-35 days
- Payment Terms: T/T
- Supply Ability: 6000-8000 Sets/month



Product Specification

- Capacity: 90KW, User-configurable
- Phase: 3-phase In 3-phase Out
- Battery Mode: External Battery Pack
- Single Module Capacity: 30K
- Input Voltage: 3*380VAC/400VAC/415VAC(3PH+N)
- Highlight: 30kVA Modular Online UPS,
Seamless Expansion Modular Online UPS,
User-configurable Modular Online UPS



More Images



Product Description

30kVA Modular Online UPS User-configurable Power Protection with Seamless Expansion

Product Introduction:

Enhance your power infrastructure with our advanced Modular UPS system, designed for seamless scalability, rapid maintenance, and uninterrupted operation. Engineered with STS modules, power modules, and battery modules, this solution ensures high efficiency and cost-effective power management tailored to your evolving needs.

Best for:

Government
Military
Banking
Financial
Server
Network Workstation
Network Closet
VoIP Device
Large Network Peripheral
Aerospace
Missile
IT Equipment

Technical Parameters:

Model	RM33-90KVA
Phase	Three times in, three times out
Cabinet capacity	90KW
Battery mode	External battery pack
Single module capacity	30K
Number of installable modules	3
Input	
Rated voltage	3*380VAC/400VAC/415VAC(3PH+N)
Voltage range	100%load305~478VAC;<70%
Rated range	50/60Hz(Automatic selection)
Frequency range	40Hz~70Hz
Input power factor	100%load>0.99:50%load >0.98.
Current harmonic distortion(THDI)	<3%@100%load
Output	
Rated voltage	3*380VAC/400VAC/415VAC(3PH+N)
Voltage stability (steady state)	≤±1%Typical value (balanced load)~≤±2%Typical Value (Unbalanced Load)
Voltage stability (transient)	≤±5%Typical Value
Rated frequency	50/60Hz
Frequency range (Synchronous correction range)	46~54Hz OR 56~64Hz
Overload capability	110% 60 120% 10 ,150% 60 ,>150% 200
Harmonic distortion	≤1.5%TDH(Linear load) ≤4%TDH(Non-linear load)
efficiency	Max. 94.5%
Battery/charging	
Rated voltage	±216v(12v*36)
Maximum voltage	±240v(12v*40)
Minimum voltage	±192v(12v*32)
Float charging voltage	2.25V/cell
Maximum charging voltage	2.25V/cell
temperature compensation	YES
Maximum charging current	8A for 30kw module/6A for 20kw module
Physical performance	
Cabinet size Depth*Width*Height)mm	1100*514*763
Net weight of the cabinet(KG)	183.5
Using environment	
Temperature and humidity	Relative humidity 20-90% and 0-40 °C (non condensing)
IP Protection level	IP20
Control management	
Intelligence RS-232/USB	SupportWindows2000/2003/XP/Vista/2008,Windows7/8,Linux and MAC
OptionalSNMP	Power management supports SNMP management and network management
Safety regulations	

safety regulations	IEC/EN 60950-1; IEC/EN 62040-1
Electromagnetic specifications	IEC/EN 62040-2 Category C3

Key Components of the Modular UPS System:

Component	Description
STS Module	Pre-installed in the UPS, it provides bypass power when the UPS switches to bypass mode.
Power Module	Packaged separately and installed during UPS setup. Each module delivers 30kVA/30kW capacity, featuring a PFC rectifier, battery charger, inverter, and control circuitry. Modular and hot-swappable for easy expansion.
Battery Module	Shipped separately, each module supports up to 10 x 12V/9Ah batteries, ensuring flexible energy storage.

Features:

1. Scalable Power Solution

Customizable Configuration – Adjust the number of power modules based on initial requirements.
Seamless Expansion – Add extra power modules without system downtime as demand grows.

2. Stable & Secure Operation Modes

Our Modular UPS is a three-phase, four-wire, online double-conversion inverter UPS, supporting multiple operational modes:
Standby Mode
Online Mode
Battery Mode
Bypass Mode
ECO Mode
Shutdown Mode
Maintenance Bypass Mode (Manual Bypass)

3. 5.7" LCD graphical design, more intuitive and clear display

Why Choose Our Modular UPS?

- ✓ Modular & Hot-Swappable Design – Minimizes downtime with quick repairs and replacements.
- ✓ High Efficiency – Advanced power modules with PFC technology optimize energy usage.
- ✓ Flexible Scalability – Expand power capacity effortlessly without operational disruption.
- ✓ Reliable Performance – Multiple operation modes ensure continuous power supply under all conditions.

Upgrade to a future-proof Modular UPS system that grows with your business. Contact us today for a tailored power solution!



01

Stable and Reliable

With the EXIST line - interactive double - conversion technology, it completely eliminates the impact of power failures , effectively ensuring that the load operates without interruption .





02

Ultra - wide Voltage Range

It has an ultra - wide voltage input range, which effectively reduces the number of battery discharges and extends the battery life.

03

Green and Energy - efficient

It reduces energy loss, with an efficiency of up to 90%. It has a super - small volume, significantly saving space compared to traditional UPS systems





04

User - friendly

It is convenient to operate , with an LCD display and a user - friendly interface. The standard configuration includes built - in batteries.



Shenzhen Daxin Intelligent Equipment Technology Co., Ltd



+86 15817363697



lubenzhi@szdxzh.com



power-cabinets.com

Green Base Industrial Park, Longtian Street, Pingshan District, Shenzhen