

# Uninterruptible Power Supply(UPS)

■ Industrial Power Supply

## Features

- Constant high efficiency at full and partial load
- Galvanic isolation which provide additional critical power protection
- Municipal electric power supply with DC inverter power 0 conversion delay
- Adopt DSP digital control technology intelligent detection and monitoring function
- High-speed IGBT drive inverter
- No fountain contact and RS232/485 monitoring

## Overview

In the event of an AC power failure, the UPS will automatically transfer to battery power and continue to provide power without any interruption for the full amount of time you select. When power returns, the UPS will automatically recharge the batteries for the next unexpected power outage or disturbance.

MODERN BUD Series Industrial UPS advantage lies in ultra-high-power design; single maximum power 750kVA, and in parallel multi-machine power up to 3000kVA, providing critical power protection for a range of applications.



## Technical Specifications

Model		BUD220 -3050	BUD220 -3100	BUD220 -3150	BUD220 -3300	BUD220 -3500	BUD220 -31000	BUD220 -32000
DC Input	Rated Voltage (V)	220						
	Rated Current (A)	25.3	49.4	74	148	247	494	988
	Input Voltage Range (V)	180 ~ 300						
AC Input	Voltage Range (V)	220 ± 15%		380 ± 15% (3 phase 4 wires)				
	Input Frequency (Hz)	45 ~ 60						
	Power Factor (PF)	0.9						
Bypass Input	Input Voltage Range (V)	380 ± 15% ( 3 phase 4 wires )						
	Rated Input Current (A)	7.6	15.2	22.8	45.6	76	152	304
AC Output	Rated Capacity (KVA)	5	10	15	30	50	100	200
	Output Current(A)	7.6	15.2	22.8	45.6	76	152	304
	Output Voltage (V)	380 ± 3%, ( 3 phase 4 wires )						
	Frequency (Hz)	50 ± 0.05						
	Waveform Deviation Factor	≤ 5%						
	Three-Phase load	≤ 100%						
	Dynamic Response	5%						
	Power Factor (PF)	0.8						
	Load ability	150%,10 seconds						
	Crest Factor (CF)	3:1						
Inverted Efficiency	92%							
Machine Dimension	Width × Depth × Height(mm)	550 × 485 × 200			800 × 600 × 2260 (1 or 2 cabinet)		1000 × 800 × 2260 (1 or 2 cabinet)	
Reference Weight (Kg)		90	200	250	450	620	950	2300
Fault dry contact		Inverter abnormal、AC abnormal、battry abnormal、load abnormal、UPS abnormal						
Protection function		Input reversing、input low-voltage、output over-load protection、output short-circuit、over-heat						

We reserve the right to change specifications without notice due to continual improvements

# UPS Maintenance Bypass Cabinet

■ Industrial Power Supply

## UPS Applications

- Computer and data centers
- Broadcasting and telecommunication
- Industrial process manufacturing
- Medical equipment and healthcare facilities
- Financial systems and services
- Any areas needing critical power management

## Overview

The MODERN UPS Maintenance Bypass Cabinet is the ultimate in tailored solutions for power distribution, maintenance bypass, and voltage transformation in one easy to implement cabinet.

It is designed to allow the transfer of power to full system bypass to perform service, testing and maintenance without interrupting power to the critical load. It can be as stand-alone unit that can be used with virtually any UPS.

### Features

- Unmatched system flexibility
- Multiple voltage configurations
- Input isolation transformer with high efficiency
- Integrated maintenance bypass
- Integrated power distribution
- Free-standing, easy-access

### Applications

- Broadcast
- Computer Networks
- Retail
- Robotics
- Printing
- Medical/Pharmaceuticals
- Paper Production
- Food Processing

