

Specially designed for running higher loads for longer hours, the Microtek High Capacity UPS Jumbo Series comes with Smart Overload Sense, Short Circuit Protection and Pure Sinewave Output that makes it a powerhouse of uninterrupted backup!

## SALIENT FEATURES

- Micro Processor based PWM Technology using Hi-Grade Mosfets/ IGBTs.
- Static UPS with LCD Display. Pure Sinewave Output.
- PLPO-Peak Load Peak Output, ensures High Peak Load Handling Capacity.
- Advanced Battery Management (ABM) for Longer Battery Life and Quick Charging.
- Inbuilt TDR (Time Display Relay).
- Best Suited for most High Capacity Sophisticated Applications.

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TECHNOLOGY WE LIVE



UPS | STABILIZER | SOLAR | WIRES & CABLES | CIRCUIT PROTECTION DEVICES | HEALTH CARE

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**MICROTEK**  
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**JUMBO** UPS  
HIGH CAPACITY SERIES



**BINA**  
DIESEL KA  
GENERATOR

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# JUMBO UPS

HIGH CAPACITY SERIES



**STATIC UPS**  
WITH  
**LCD DISPLAY**  
& INBUILT TDR



Air Conditioner



Computer & IT



Water Motor



Petrol Pump



Shopping Mall



Photocopier

**BINA**  
**DIESEL** KA  
**GENERATOR**

## TECHNICAL SPECIFICATIONS (IGBT MODELS)

MODEL UPS	JM SW 6500i	JM SW 9000i	JM SW 11000i
Nominal Battery Voltage	96V DC	120V DC	180V DC
Output Voltage/ Frequency		220±10% / 50±1Hz	
Efficiency (Battery Mode)		>80%	
Maximum Charging Current		16A (Settable±3A)	
Standard Input Voltage Range		100V~280V	
Narrow Input Voltage Range		180V~265V	
Total Harmonic Distortion (Resistive Load)		Less than 3%	
Overload Handling Capability		105%~125%(4 Times Auto-Reset) / 300%	
Separate Output with TDR		1 minute TDR	
Charger Control		Advanced Battery Management	
AC Input Voltage Range/ Power Factor		106V~280V / 0.85 to unity	
PROTECTIONS	Low Battery Voltage, Battery Overcharge, Overload, Over Temperature, Short Circuit		
ENVIRONMENTAL PARAMETERS	Operating Temperature:0~45°C / Acoustic Noise at 1 Mtr.: <45dB Relative Humidity: Max.95% non-condensing Thermal Management: Integrated Cooling (Fan & Heat Sink)		
DIMENSIONS(LxWxH) in mm	880 x 580 x 800	880 x 585 x 810	880 x 585 x 810
GROSS WEIGHT	92.30 Kgs	109.50 Kgs.	140.00Kgs

## TECHNICAL SPECIFICATIONS (MOSFET MODELS)

MODEL UPS	JM SW 2500 JM SW 3000+	JM SW 3000 JM SW 3500	JM SW 4000 JM SW 5500	JM SW 6000
Nominal Battery Voltage	24V DC	36V DC	48V DC	72V DC
Battery Charger	Boost based PWM controlled multistage ATM (Automatic Trickle Mode) Charging			
Output Voltage/ Frequency	180~230V(±10V) / 50±0.2Hz			
Efficiency (Battery Mode)	>80%			
Maximum Charging Current	17A± 3A	17A± 3A	17A± 3A	17A± 3A
Standard Input Voltage Range	110V~280V	110V~280V	110V~280V	110V~280V
Narrow Input Voltage Range	180V~265V	180V~265V	180V~265V	180V~260V
Input Brown Out Voltage	100V±10V	100V±10V	100V±10V	100V±10V
Mains Bypass	Rotary Bypass Switch			
Switch-Over	Automatic from Mains to Backup and Backup To Mains			
UPS Overload / Shot Circuit Protection	≥110% / ≥300%			
PROTECTIONS	Low Battery Voltage, Battery Overcharge, Overload, Over Temperature, Short Circuit			
ENVIRONMENTAL PARAMETERS	Operating Temperature:0~45°C / Acoustic Noise at 1 Mtr.: <45dB Relative Humidity: Max.95% non-condensing Thermal Management: Integrated Cooling (Fan & Heat Sink)			
DIMENSIONS(LxWxH) in mm	510 x 335 x 455	510 x 355 x 455	510 x 355 x 455	585 x 355 x 505
GROSS WEIGHT	27.09 Kgs	28Kgs / 31.09Kgs	33Kgs / 46Kgs	48.00Kgs