



# JUMBO UPS

HIGH CAPACITY SERIES

with  
**Intelli Pure**  
**SINEWAVE**  
Technology



Air Conditioner



Computer & IT



Water Motor

**IGBT Based for Hi-end Applications, which require High Starting Current...**

### SALIENT FEATURES

- Micro Processor based PWM Technology using Hi-Grade IGBTs.
- Static UPS with LCD Display. Pure Sine Wave Output.
- Best Suited for most High Capacity Sophisticated Applications.
- Advanced Battery Management (ABM) for Longer Battery Life and Quick Charging.
- Inbuilt Time Delay Relay (TDR).
- Generator Compatible.



**Models: UPS JM SW 6500i/96V, JM SW 9000i/120V and JM SW 11000i/180V**

### TECHNICAL SPECIFICATIONS (INTELLI PURE SINEWAVE MODELS)

MODEL UPS	JM SW 6500i	JM SW 9000i	JM SW 11000i
Output Waveform / Output Power Factor	PURE SINEWAVE / 0.8		
Nominal Battery Voltage	96V DC	120V DC	180V DC
Output Voltage / Frequency	220V±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/Short Circuit	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		
<b>PROTECTIONS:</b> Low Battery Voltage, Battery Overcharge, Overload, Over Temperature, Short Circuit			
<b>ENVIRONMENTAL PARAMETERS:</b> Operating Temperature: 0~45°C / Acoustic Noise at 1Mtr.: <45dB Relative Humidity: Max. 95% non-condensing Thermal Management: Integrated Cooling (Fan & Heat Sink)			
<b>DIMENSIONS (LxWxH) in mm</b>	880 x 580 x 800	880 x 585 x 810	880 x 585 x 810
<b>GROSS WEIGHT</b>	92.30Kgs.	109.50Kgs.	140.00Kgs.



**UNINTERRUPTED SAFE POWER...**





Petrol Pump



Shopping Mall



Photocopier



# JUMBO UPS

HIGH CAPACITY SERIES

with  
**Intelli Pure**  
**SINEWAVE**  
Technology



**SUPER FAST CHARGING**  
FOR FREQUENT POWERCUTS

**MORE LOAD**  
FOR LONGER DURATION

**MORE BATTERY LIFE**  
FOR LOW RUNNING COST

**MORE BACKUP**  
FOR LONG POWERCUTS

## SALIENT FEATURES

- Micro Controller / DSC based Intelli Pure Sinewave State-of-the-art Latest Technology UPS for Better Performance and High Reliability.
- Static UPS with LCD Display. Pure Sine Wave Output.
- PWM Controlled multistage ATM(Automatic Trickle Mode) Charging.
- Smart Overload Sense, Short Circuit and Over Temperature Protection.
- Safely suited to run Computers & Other IT Applications.
- Generator Compatible.



Models: UPS JM SW 2500/24V, 3000/36V, 3500/36V, 4000/48V, 5500/48V & 6000/72V

## TECHNICAL SPECIFICATIONS (INTELLI PURE SINEWAVE MODELS)

MODEL UPS	JM SW 2500	JM SW 3000 JM SW 3500	JM SW 4000 JM SW 5500	JM SW 6000
Output Waveform/Output Power Factor	PURE SINEWAVE / 0.8			
Nominal Battery Voltage	24V DC	36V DC	48VDC	72V DC
Battery Charger	Boost based PWM controlled multistage ATM (Automatic Trickle Mode) Charging			
Output Voltage / Frequency	180~230V(±10%) / 50/60Hz±0.2Hz			
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	110V±10V	110V±10V	110V±10V	110V±10V
Mains Bypass	Rotary Bypass Switch			
Switch-over	Automatic from Mains to Backup and Backup to Mains			
UPS Overload / Short Circuit Protection	≥110% / ≥300%			
Efficiency (Battery Mode)	>80%			
<b>PROTECTIONS:</b> Low Battery Voltage, Battery Overcharge, Overload, Over Temperature, Smart Overload Sense & Short Circuit.				
<b>ENVIRONMENTAL PARAMETERS:</b> Operating Temperature: 0~45°C / Acoustic Noise at 1Mtr.: <45dB Relative Humidity: Max. 95% non-condensing Thermal Management: Integrated Cooling (Fan & Heat Sink)				
<b>DIMENSIONS (LxWxH) in mm</b>	510 x 335 x 455	510 x 335 x 455	510 x 335 x 455 / 585 x 355 x 505	585 x 355 x 505
<b>GROSS WEIGHT</b>	27.9Kgs.	28Kgs./31.9Kgs.	33Kgs./46Kgs.	48Kgs.

# BACKUP FOR ALL APPLICATIONS...

