

*Bahut Yaad Aata Hai,
Uo Andhera Sukhana...*



YOUR BACKUP FOR

GOOD LIVING

MICROTEK
TECHNOLOGY WE LIVE

SINEWAVE
INVERTERS
2KVA, 3KVA, 5.5KVA, 8KVA & 10KVA



HOME APPLICATIONS



WATER MOTOR



REFRIGERATOR



ROOM COOLER



TELEVISION



AIR-CONDITIONER

**'INDIA'S MOST
PREFERRED BRAND'**



SALIENT FEATURES (True Sinewave Inverters)

- ◀◀ MICRO Processor / DSP based PWM Technology using IGBT
- ◀◀ Best Suited for most High Capacity Sophisticated Appliances
- ◀◀ Advanced Battery Management (ABM) for Longer Battery Life & Quick Charging
- ◀◀ LCD Panel Display for Status and Faults / Auto Self Test on LCD Display
- ◀◀ Static By Pass Switch for fast Switch Over (optional) / Generator compatible
- ◀◀ Inbuilt TDR (in 5.5 / 8 / 10 KVA) for compressor based application, e.g. Air Conditioners

WINNER SMART LIVING and EFY AWARDS

LARGEST SELLING POWER PRODUCTS.

OVER 850 LAKH SMILING USERS.



TECHNICAL SPECIFICATIONS

MODEL	3KVA/48V	5.5KVA/96V	8KVA/144V	10KVA/192V
Electrical Specification- Inverter				
Output Power	3000VA	5500VA	8000VA	10000VA
Surge Rating	9000VA	16500VA	24000VA	30000VA
Output Voltage	220V	220V	230V	230V
Output Frequency	50±1Hz	50±1Hz	50±1Hz	50±1Hz
Output Wave Form	True Sine Wave	True Sine Wave	True Sine Wave	True Sine Wave
Peak Efficiency	>82%	>82%	>88%	>88%
Nominal Battery Voltage	48V	96V	144V	192V
DC Input Voltage Range	40V±1V to 55.2±1V	80V±1V to 114±1V	120V±1V to 173±1V	160V±1V to 233±1V
Low Battery Cutout	40V±1V	80V±1V	120V±1V	160V±1V
Total Harmonic Distortion (Resistive Load)	Less than 3%	Less than 3%	Less than 3%	Less than 3%
Overload Handling Capability	105% for 5 Seconds with 6 times Auto-Reset	105% for 1 minute + 125% for 5 Seconds with 4 times Auto-Reset	105% for 1 minute + 125% for 5 Seconds with 4 times Auto-Reset	105% for 1 minute + 125% for 5 Seconds with 4 times Auto-Reset
Separate Output with TDR	NA	3~5 minutes TDR	3~5 minutes TDR	3~5 minutes TDR

Electrical Specification- Charger

Charger Control (ABM)	Advanced Battery Management			
Charging Current	10.0A (settable ±2.0A)	10.0A (settable ±5.0A)	10.0A (settable ±5.0A)	10.0A (settable ±5.0A)
AC Input Voltage Range	110V~295V	110V~295V	110V~295V	110V~295V
Max. Battery Boost Level	55.2V±1V	114V±1V	177V±1V	235V±1V
Max. Battery Float Level	53.6V±1V	107V±1V	160V±1V	213V±1V
Compatible Battery Types	Lead Acid/SMF	Lead Acid/SMF	Lead Acid/SMF	Lead Acid/SMF
Mains Input Power Factor	0.85 to unity	0.85 to unity	0.85 to unity	0.85 to unity

LOAD CHART - 2KVA MODEL

Option-1 4Fan + 4 Tube Lights + 1 Refrigerator + 1 Television

LOAD CHART - 3KVA MODEL

Option-1 4Fan + 4 Tube Lights + 1 Refrigerator + 1 Television + 1 Desert Cooler

LOAD CHART - 5.5KVA MODEL

Option-1 1 Fan + 1 Tube Light + 1 Television + 1 Air-Conditioner 1.5 Tonne Capacity

LOAD CHART - 8KVA MODEL

Option-1 4 Fan + 4 Tube Lights + 1 Water Motor + 1 Refrigerator + 1 Television + 1 Desert Cooler + 1 Air-Conditioner 1.5 Tonne Capacity

Option-2 4 Fan + 4 Tube Light + 1 Water Motor + 1 Television + 2 Air-Conditioner 1.5 Tonne Capacity

LOAD CHART - 10KVA MODEL

Option-1 5 Fan + 5 Tube Lights + 1 Water Motor + 1 Refrigerator + 1 Television + 1 Desert Cooler + 2 Air-Conditioner 1.5 Tonne Capacity

Other Applications: Petrol Pumps, Photostat Machines, Dental Machines, Clinics, Shops, Showrooms & Offices.

* Load may vary depending on the condition of the appliances or manufacturers specs. * Specifications are subject to change without notice. * The company does not take liability for consequential damages.

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COMMERCIAL APPLICATIONS



PHOTOCOPIER MACHINE



PETROL PUMP NOZZLE



DENTAL MACHINE



SHOPS



RESTAURANTS



UNMATCHED QUALITY & TECHNOLOGY.

ALL INDIA SERVICE NETWORK.