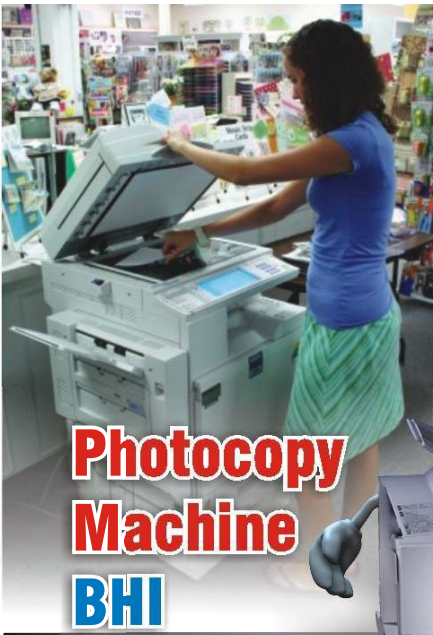


# Sab Chale Befikar !



**MICROTEK**  
TECHNOLOGY WE LIVE

**INVERTERS**



**Photocopy  
Machine**

**BHI**

**CHALTI**

**HAL...**



**Microtek 2.2KVA & 3KVA Sinewave Inverters-**  
Ideal for Big homes & Photocopy shops to provide continuous Power during power-cuts, to run all major home appliances like Cooler, Refrigerator, Desert Cooler etc., alongwith normal load of tube light, Fan etc...

**2.2KVA**

**36V**

**3KVA**

**48V**

**LOAD CHART - 2.2KVA MODEL**

- Option-1** Backup for Photocopy Machine
  - Option-2** 7 Fan + 7 Tube Lights + 1 Refrigerator(or 1 Water Motor) + 1 Television
- Other Commercial Applications:** Clinics, Shops, Showrooms & Offices.

**LOAD CHART - 3KVA MODEL**

- Option-1** 15 Fan + 13 Tube Lights + 2 Television
  - Option-2** 5 Fan + 5 Tube Lights + 1 Refrigerator + 1 Television + 1 Desert Cooler
  - Option-3** 4 Fan + 4 Tube Lights + 1 Water Motor + 1 Refrigerator + Television
- Other Commercial Applications:** Clinics, Shops, Showrooms & Offices.



**Homes come alive...**



# HI-END SINEWAVE INVERTERS



**PETROL PUMP**

**BHI CHALTA HAL...**

**AC BHI CHALTA HAL...**



**Microtek 5.5KVA and above Sinewave Inverters-** Provide continuous Power during powercuts, to run even air-conditioners, petrol pump nozzles alongwith normal load of tube light, Fan, LCD TV and other appliances...

### LOAD CHART - 5.5KVA MODEL

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

**Other Commercial Applications:** Petrol Pump with 2 Nozzle, 1 Photostat Machine, Dental Machine, Clinics, Shops, Showrooms & Offices

### LOAD CHART - 8KVA MODEL

5 Fan + 5 Tube Light + 1 Refrigerator + 1 Television + 2 Air-Conditioner 1.5 Tonne Capacity

**Other Commercial Applications:** Petrol Pump with 4 Nozzle, 2 Photostat Machines, Dental Machine, Clinics, Shops, Showrooms & Offices.

### LOAD CHART - 10KVA MODEL

10 Fan + 10 Tube Lights + 1 Water Motor + 1 Refrigerator + 1 Television + 1 Desert Cooler + 2 Air-Conditioner 1.5 Tonne Capacity

**Other Commercial Applications:** Petrol Pump with 6 Nozzle, 3 Photostat Machine, Dental Machine, Clinics, Shops, Showrooms & Offices.

**5.5KVA**

**96V**

**8KVA**

**144V**

**10KVA**

**192V**

**SAB CHALE BEFIKAR...**

YOUR BACKUP FOR  
**GOOD LIVING**



**Unmatched  
Quality, Service  
& Technology.**



#### TECHNICAL SPECIFICATIONS

MODEL	2.2KVA/36V 3KVA/48V	5.5KVA/96V	8KVA/144V	10KVA/192V
<b>Electrical Specification- Inverter</b>				
Output Power	2200VA / 3000VA	5500VA	8000VA	10000VA
Surge Rating	6600VA / 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	36V / 48V	96V	144V	192V
DC Input Voltage Range	30/40V~51.4/55.2V±1V	80V±1V to 114±1V	120V±1V to 173±1V	160V±1V to 233±1V
Low Battery Cutout	30/40V±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	51.4/55.2V±1V	114V±1V	177V±1V	235V±1V
Max. Battery Float Level	40.2/53.6V±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