

MICROTEK COMPLETE POWER SOLUTIONS

INVERTER | SOLAR | UPS | BATTERY | ONLINE UPS | STABILIZER | EV CHARGER | WIRES & CABLES | CPD

Microtek International Pvt. Ltd.
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1500+ Service Engineers | **500+** Service Centers | Quick Response Time

THE ONLY MADE IN INDIA UPS

LINE INTERACTIVE UPS

TECHNOLOGY THAT PREVENTS **THE SUDDEN SHUTDOWN**







LINE INTERACTIVE UPS Legend 650

Legend 650 is a micro processor based Line Interactive UPS that gives Optimum Reliability. It has boost and buck AVR for ultimate voltage stabilization which ensures protection against overload, discharge and overcharge.



BENEFITS:
Easy off-mode charging
Cold start function

LINE INTERACTIVE UPS Legend 750M

Legend 750M is based on micro processor load sensing system to sense micro power consumption devices and provides longer back up for micro load. It is also suitable for computer and other IT loads with normal back up.

Security & Surveillance

WIFI Modems



BENEFITS:
Specially designed for micro loads.



LINE INTERACTIVE UPS Legend 1000

Legend 1000 is a micro processor based Line Interactive UPS that gives Optimum Reliability. It has boost and buck AVR for ultimate voltage stabilization which ensures protection against overload, discharge and overcharge.



BENEFITS:
Longer Battery life
Easy off-Mode Charging
Cold Start Function

FEATURES:
- Wide Input Range: 140~300 V AC
- Auto restart while Ac is recovering
- Generator compatibility option

LINE INTERACTIVE UPS Legend 1600

Legend 1600 is a micro processor based Line Interactive UPS that gives Optimum Reliability. It has boost and buck AVR for ultimate voltage stabilization which ensures protection against overload, discharge and overcharge.

Suitable for Gaming



BENEFITS:
- Longer battery life
- Easy off mode charging
- Cold start function



DesirePRO LINE INTERACTIVE UPS

1000VA / 2000VA

LONG BACKUP EXTERNAL BATTERY UPS

Desire Pro+ consists of an excellent microprocessor control guarantees high reliability, boost and buck AVR for volatage stabilization with selectable charging current.



BENEFITS:
For long backup solutions
High Reliability

FEATURES:
- Excellent Microprocessor Control
- 20 Amp Charger
- Boost and Buck AVR for Voltage Stabilization.
- Selectable Charging Current.
- Auto Restart while AC is recovering.
- Simulated Sine wave.
- Off-mode Charging.
- Cold Start function.

MICROTEK COMPLETE POWER SOLUTIONS

No.1 UPS BRAND

EVERY CRITICAL APPLICATION NEEDS A RELIABLE **BACKUP PARTNER**

Choose from a wide range of

ONLINE UPS : 1kVA – 120kVA
LINE INTERACTIVE UPS : 650VA – 2000VA



*As per the total units sold till date

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E2 SERIES

ENERGY EFFICIENT HIGH FREQUENCY ONLINE UPS

1KVA/24-IB INTERNAL BATTERIES
1KVA/36V EXTERNAL BATTERIES

E2 series ensures synchronization of the hardware, software, analytics and ongoing services to ensure its customers' vital applications run continuously, perform optimally as per the requirement. This series is based on high frequency double conversion IGBT technology with static bypass which improves reliability and operates with configurable output voltage settings.

BENEFITS:

EFFICIENCY:
AC mode-88%. Battery mode-83%
Robust design with enhanced reliability
External charger up to 8 Amps (Optional for 36V DC system)
Waveform (Battery Mode): Pure Sine wave

SNMP (OPTIONAL):
Power management from SNMP manager and web browser. Over heating indication and protection.



FEATURES:

- Inbuilt over voltage cut off device.
- Isolation transformer (Optional)
- Generator Compatible
- Configurable output voltage settings
- Smart display for real time information
- EMI noise filter
- Advances PFC technology

MAX+ SERIES

HIGH FREQUENCY HIGH PERFORMANCE ONLINE UPS

1KVA/2KVA/3KVA INTERNAL BATTERIES
1KVA/2KVA/3KVA EXTERNAL BATTERIES

Max+ series operates with programmable power management outlet along with the availability of hot standby feature and it's static bypass improves its reliability. The SNMP card is also available on demand as an option. This series is based on high frequency double conversion IGBT technology with static bypass which improves reliability.

BENEFITS:

Efficient micro controller based
Hot standby feature
Inbuilt charger of 9.5 Amps
Programmable power Factor: 0.9
Static bypass
Over heating indication and protection.

SNMP (Optional): Power management from SNMP manager and web browser.



FEATURES:

- Smart display for real time information (with image)
- Inbuilt over voltage cut off device with surge protection
- Robust design with enhanced reliability
- Frequency convert mode (50Hz/60Hz)
- Generator Compatible
- External Charger: Capacity expansion to 8 Amps (Optional)
- EMI/RFI Noise Filter
- SNMP Card (Optional)
- Waveform (Battery Mode): Pure Sine wave

MAX+ SERIES

HIGH FREQUENCY HIGH PERFORMANCE ONLINE UPS

ONLINE **UPS**

6KVA/10KVA EXTERNAL BATTERIES

Max+ series operates with programmable power management outlet along with the availability of hot standby feature and it's static bypass improves its reliability. The SNMP card is also available on demand as an option. This series is based on high frequency double conversion IGBT technology with static bypass which improves reliability.



FEATURES:

- Unity Power Factor Output with 20-Battery Option
- High Efficiency up to 94%
- True Double-Conversion
- DSP technology guarantees High Performance
- Wide Input Voltage Range (110-300 VAC)
- Light Weight UPS
- Active Input Power Factor correction 0.99
- 50Hz/60Hz Frequency Converter mode
- Emergency Power Off function (EPO)
- ECO mode for Energy Saving
- SNMP/USB/RS-232 Communications
- Adjustable Battery Numbers
- Maintanence Bypass & Static Bypass Available
- Optional N+X Parallel Redundancy
- Inbuilt Surge Protection with OVCD Available
- Generator Compatible

iMAXX SERIES

INTELLIGENT PERFORMANCE LOW FREQUENCY ONLINE UPS

5.5KVA / 7.5KVA / 10KVA

16 / 18 BATTERY SYSTEM

iMaxx series is based on DSP technology with IGBT based inverter. It consists of built in maintenance bypass and static bypass switch along with the alarm for mute mode and SNMP card as optional addition.

BENEFITS:

Hot standby, Cold start and RS-232/USB port available
Generator Compatible
Display information (Load level, Battery level, AC mode, Battery mode, Bypass mode and Faults)
In-built charger 8 Amp



7.5/10 KVA

FEATURES:

- In-built over voltage cut off device with surge protection
- Smart display for real time information
- Constant voltage constant frequency operation without battery
- Conformal coated PCV assemblies to withstand harsh environment
- External charger capacity expansion to 4 amps (Optional)
- EMI/RFI Noise Filter
- Waveform (Battery Mode): Pure Sine wave

iMAXX SERIES

INTELLIGENT PERFORMANCE LOW FREQUENCY ONLINE UPS

10KVA / 15KVA / 20KVA

3 PHASE IN ~ 1 PHASE OUT

iMaxx series is based on DSP technology with IGBT based inverter. It consists of built in maintenance bypass and static bypass switch along with the alarm for mute mode and SNMP card as optional addition.

BENEFITS:

Hot standby, Cold start features available
In built charger of 20 Amps
Parallel Redudancy and Battery reverse protection in all 360V models
Alarm for mute mode and SNMP card (Optional)
Generator Compatible
RS-232 & USB port available in all models
RS-485 port only available in 360V models



FEATURES:

- Smart display for real time information
- Constant voltage constant frequency operation without battery
- Conformal coated PCB assemblies to withstand harsh environment
- External charger capacity expansion to 4 amps (Optional)
- Built in maintenance bypass and static bypass switches
- Configurable Output voltage settings
- Waveform (Battery Mode): Pure Sine wave
- Immune to Reverse Phase Sequence from Grid side & no Neutral Operation in 360V models only

iMAXX SERIES

INTELLIGENT PERFORMANCE LOW FREQUENCY ONLINE UPS

10KVA / 20KVA / 30KVA / 40KVA

3 PHASE IN ~ 3 PHASE OUT

iMaxx series is based on DSP technology with 6-Pulse SCR rectifier at input, IGBT based inverter and inverter transformer at output. It consists of built in static bypass & maintenance bypass switch along with the alarm for mute mode & SNMP card as optional addition.

BENEFITS:

Hot standby, Cold start features available
Inbuilt charger of 20 Amps., Parallel Redundancy & Battery Reverse Protection in all 360V models
Alarm for mute mode and SNMP card (optional)
RS-232, USB Port and RS-485 Port available in 360V models
Immune to Reverse Phase Sequence from Grid side & no Neutral Operation



FEATURES:

- Inbuilt Double-Conversion.
- External Backfeed Energy absorb boxes 1200W / 2400W / 3000W (available as Optional) .
- Intelligent Battery Mgmt. to prolong Battery Life-Cycles.
- Redundant fan design & independent ventilation to enhance durable operation under harsh environment conditions.
- Adjustable Battery Numbers (29, 30, 31 & 32 numbers in all 360V models).
- Accept dual-mains input.
- Parallel Operation with upto 4 Units with Separate battery bank on each UPS in Parallel.
- Variety of communication options available.

Super MAX+ SERIES

SUPER PERFORMANCE HIGH FREQUENCY ONLINE UPS

20 KVA / 30KVA / 40 KVA
60 KVA / 80 KVA / 100 KVA / 120 KVA

3 PHASE IN ~ 3 PHASE OUT

Super Max+ series works on the principle on the principle of 3-level IGBT technology which maximizes the efficiency and the 3-stage extendable charging design optimizes the battery performance.

BENEFITS:

Emergency power off function (EPO)
EMI protection available (C-3 level)
3 level IGBT inveter topology
3 stage extendable charging
Parallel Redundancy (Up to 4 Units)
Connect up to four systems to work together and share the load.



FEATURES:

- Unity power factor
- DSP technology with IGBT based PFC and Inverter section
- Smart and real time information display
- Frequency Converter mode (50Hz/60Hz)
- ECO mode operation for energy saving
- Active power factor correction in all phases
- Built it Maintenance bypass and static bypass switches
- Surge protection at input
- Adjustable battery numbers (40-for long run model)
- Waveform (Battery Mode): Pure Sine wave

MAX LiFe SERIES

ONLINE UPS FOR LITHIUM-ION BATTERY APPLICATIONS FOR LONGER BACKUP

1KVA / 2KVA / 3KVA / 5KVA

FEATURES (1KVA & 2KVA):

- True double-conversion.
- Microprocessor Control optimizes Reliability.
- Comprehensive Display allows easy monitoring and access of UPS status.
- Advanced Battery Management (ABM).
- High Power Factor charger upto 1000W capacity with very Low Ripple Current when Charging Battery.
- Lithium-ion Battery Compatible.
- Low Input THDi (5%) to reduce power system pollution.
- Output power factor is 0.9

BENEFITS:

Specially designed for Lithium-ion battery for longer backup



FEATURES (3KVA & 5KVA):

- True double-conversion.
- Sine-wave Output.
- Unity Power Factor.
- Configurable Charging Current via LCD Settings.
- Cold Start Capability.
- Very Powerful AC Charger at 60A.
- Optional Parallel Operation up to 9 units for Single Phase and Three Phase Applications.
- Common 48V DC Battery Pack for the Parallel System.
- Full Bridge inverter design to support half-wave load and unbalanced load.