

EXIDE INVERTERZ MAGIC

For Inbuilt Smart Protection

Magic's Smart Systems are comparable to premium models. The ASIC technology automatically senses the battery condition to adjust the charging current accordingly. It also controls output voltage to prevent Overload, Short Circuit, AC Back Feed, Low Battery, Battery Overcharge, Mains Overload, Overheating, etc. Soft Touch ON/OFF, Mode Selection & Charging Selection Switch are some added features that add real value at a surprisingly affordable price.

EXIDE INVERTERZ - LKVA HOME UPS SIZING

Exide LKVA Home UPS can be customized to suit your need and budget. Key in the specifics and pick the right Home UPS from the Exide Inverterz range.

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Features

**EXIDE
INVERTERZ
MAGIC**



- DSP (Digital Signal Processor) based design for more reliability with SMT technology*
- Pure Sine Wave output wave form same as Mains/Grid Power
- ASIC (Auto Sense Intelligent Control) technology for battery charging, automatically senses battery conditions & adjusts the charging current accordingly
- Programmed inbuilt ventilation fan which operates as needed
- Extremely Low Harmonics
- Tri Colour of LCD display for better user interface*
- Dual State of Charging
- Auto smart protection built-up in PCB, such as Short Circuit, Overload, Battery Over-Charge, Battery Low, Heat-up, AC Fuse Trip, Phase Reverse, etc.
- Battery Charging Range in Normal Mode i.e. 100V ~ 280V
- Battery Charging Range in UPS Mode i.e. 180V ~ 260V
- Change Over Time Mains to UPS and vice versa < 10msec
- Noiseless Operation



42 Month Warranty *
(FOC)
* T&C Apply

Technical Specifications of Exide Inverterz Magic

Description	MAGIC 12V 700VA	MAGIC12V 825VA	MAGIC12V 1050VA	MAGIC 24V 1500VA
Output Voltage at No Load	235V ± 15V AC			
Output Frequency	50Hz ± 1Hz			
Output Wave Form	Square Wave			
Nominal Battery Voltage	12V DC			24V DC
Battery Low Cut Off	10.5V ± 0.2V DC			21.0V ± 0.4V DC

Charging Mode

Model	MAGIC 12V 700VA	MAGIC12V 825VA	MAGIC12V 1050VA	MAGIC 24V 1500VA
Maximum Charging Current (NC)	09.5Amp ± 1.5Amp	10Amp ± 1.5Amp	17Amp ± 1.5Amp	17Amp ± 1.5Amp
Maximum Charging Current (HC)	13Amp ± 1.5Amp	14Amp ± 1.5Amp	12.5Amp ± 1.5Amp	12.5Amp ± 1.5Amp
Boost Charging Voltage	14.4V ± 0.2V DC			28.8V ± 0.4V DC
Trickle Charging Voltage	13.7V ± 0.2V DC			27.4V ± 0.4V DC
Charging Current at 120V Mains Input	8-10 Amp Charging Current*			
Changeover Time Mains to Back-up (@ UPS Mode)	≤ 10 msec			
Changeover Time Back-up to Mains (@ UPS Mode)	≤ 10 msec			
Changeover Time Mains to Back-up (@ Normal Mode)	≤ 40 msec			
Changeover Time Back-up to Mains (@ Normal Mode)	≤ 10 msec			
Input Voltage Range (@ Normal Mode)	100V - 290V AC			

*Depends upon Battery Voltage

