The New Wave In Back-up Protection

Exide's HKVA UPS is the world's most advanced DSP based HKVA system. With new-age features like smart charging, minimised operating noise, extremely low total harmonic distortion, 300% surge load capacity, improved crest factor and electronic changeover capability. A highly reliable and dominant power backup source used in various industries, corporate offices and BPOs. It provides the perfect backup for all kinds of motor based applications like AC, fire and water pumps, compressors, etc. and electronic equipment like computers, projects, scanner, printers and Fax machines.

Applications

- Primary Power Back up source for Industries, Corporate Offices and BPOs
- Widely used in banks, multiplexes and shopping malls
- Petrol Pumps, Fuel Dispensing Machines
- Provides reliable back-up for Office Equipment such as Computers, Projectors, Printers, Scanners and Fax Machines etc.
- All Motor based applications such as AC, Fire Pumps, Water Pumps, Compressors and other 3 Phase critical motorized equipment Water Coolers and Deep Refrigerators
- Emergency and Transportable Power Systems
- Gym /Health Equipment

Features of Exide Inverterz - Higher KVA UPS

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

- Wide Mains Input Voltage Range 100V - 290V
- Controlled Output Voltage
- Suitable for Mains Low Voltage Operation, 8 - 10 AMP Charging at 120V Mains Input
- ASIC (Auto Sense Intelligent Control) technology for battery charging which automatically senses battery condition & adjusts the charging current accordingly
- Soft Touch ON/OFF, Mode Selection & Charging Selection Switch
- Smart In-built Protections - Overload, Short Circuit, AC Back Feed, Battery Low, Battery Over-Charge, Over Temperature etc.
- Mains Overload through Resettable Switch

Technical Specifications of Exide Inverterz - Higher KVA UPS Range

Description	2KVA	2.5KVA	2.5KVA	3.5KVA	5.2KVA	5.2KVA	7.5KVA	10KVA	12KVA
Nominal Battery Voltage	24V	36V	48V	48V	48V	96V	120V	180V	192V
Type	Satic UPS								
	Back-up Mode								
Output Wave Form	Pure Sine Wave								
No Load Output Voltage	220V ± 7V AC								
Output Frequency	50Hz ± 1Hz								
No Load Battery Current	≤2.2Amp	≤2.0Amp			≤1.2Amp				
Full Load Output Current ± 1Amp	70Amp	59Amp	46Amp	64Amp	105Amp	49Amp	56Amp	49Amp	59Amp
Total Harmonics Distortion (@ Linear Load)	<5%	<3%							
Battery Low Pre-Alarm	10.8V ± 0.2V / Battery (12V DC of each battery)								
Battery Low Cut-Off	10.5V ± 0.2V / Battery (12V DC of each battery)								
	Mains Mode								
Max. Charging Current (HC)	20Amp	15A ± 1A	15A ± 1A	15A ± 1A	22A ± 1A	15A ± 1A	18A ± 1A	18A ± 1A	18A ± 1A
Max. Charging Current (NC)	14Amp	12A ± 1A	12A ± 1A	12A ± 1A	18A ± 1A	12A ± 1A	14A ± 1A	14A ± 1A	14A ± 1A
Boost Charging Voltage	14.4V ± 0.2V / Battery (12V DC of each battery)								
Float Charging Voltage	13.7V ± 0.2V / Battery (12V DC of each battery)								
	Mains Mode {Normal Mode}								
Input Voltage Range ± 10V	90V to 300V	100V to 280V							
Changeover Time (Mains to Back-up)	< 40 ms								
Changeover Time (Back-up to Mains)	< 10 ms								
	Mins Mode {UPS Mode}								
Input Voltage Range ± 10V	180V to 270V	180V to 260V							
Changeover Time (Mains to Back-up)	< 10 ms								
Changeover Time (Back-up to Mains)	< 10 ms								
	Protections								
Protections	Short Circuit Trip, Overload Trip, Battery Low & Over Charge Protection, Over Temperature Protection, AC Fuse Trip/ MCB Trip Protection, Phase Reverse Protection								
	Display								
Display	LED Indicators	"Tri Colour LCD Display which is showing: Mains Voltage, Battery Voltage, Applied Load in %, Battery Charging/ Charged, Battery Low/ Over Charge, Short Circuit, Overload, Over Temperature"							
	Weight and Dimensions								
Dimension LXWXH (in mm)	380X375X360	440X370X510			500X380X600			565X385X600	
Net Weight (± 0.5Kg)	19Kg	27.2Kg		31.2Kg	40.5Kg		52.1Kg	72Kg	
Gross Weight (± 1Kg)	21Kg	28.9Kg		32.9Kg	42.7Kg		54.3Kg	87Kg	

*Not Applicable for 2KVA