

EXIDE INVERTERZ STAR

For Pure Sine Wave Output


The advanced microcontroller based pure sine wave (Wave Shape) system of star is an assurance of smooth power output. The inverter is designed to handle a wide range of mains input voltage for battery charging (90V-300V AC) which make it ideal for areas where grid power fluctuates. It is designed to handle low voltage operations to keep your lights, fans, TV and computer working optimally. A user-friendly LED display makes it a truly popular star among inverters.

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



→ Advance Microcontroller Based


→ Pure Sine Wave Output Wave Shape Suitable for Mains Low Voltage Operation

→ Wide Range of Mains Input Voltage for Battery Charging i.e. 90V - 300V AC

→ LED Display for User Interface

→ Dual Stage of Charging

→ Auto Smart Protections



42 Month Warranty *

(FOC)

* T&C Apply

Technical Specifications of Exide Inverterz Star

Description	STAR 12V 650VA	STAR 12V 850VA	STAR 12V 1050VA	STAR 24V 1450VA
Output Voltage at No Load	220V ± 7V AC			
Output Frequency	50Hz ± 1Hz			
Output Wave Form	Pure Sine 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	STAR 12V 650VA	STAR 12V 850VA	STAR 12V 1050VA	STAR 24V 1450VA
Maximum Charging Current (NC)	11Amps ± 1Amp	12Amp ± 1Amp	13Amp ± 1Amp	12Amp ± 1Amp
Maximum Charging Current (HC)	15Amps ± 1Amp	17Amp ± 1Amp	18Amp ± 1Amp	17Amp ± 1Amp
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*			
Charging Over Time Mains to Back-up (@ UPS Mode)	≤ 10 msec			
Charging Over Time Back-up to Mains (@ UPS Mode)	≤ 10 msec			
Input Voltage Range (@ UPS Mode)	180V - 270V ± 10V AC			
Change Over Time Mains to Back-up (@ Normal Mode)	≤ 40 msec			
Change Over Time Back-up to Mains (@ Normal Mode)	≤ 10 msec			
Input Voltage Range (@ Normal Mode)	90V - 300V ± 10V AC			

*Depends upon Battery Voltage.