

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.

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

 **24 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.