

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.

[Click Here](#) >

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

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.

[Click Here](#) >

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.

EXIDE

SOLAR
BATTERIES
EXPERIENCE
THE EXCELLENCE



Over the last decades, the focus on renewable energy usage to meet the growing power demand of the country has increased manifold. There is a need to explore renewable energy resources to reduce the carbon emission, rapid depletion of fossil fuels resulting global warming. It is considered to be the efficient solution to vast stretches of remote areas where mains power is yet to reach in an economic manner. The success of SPV system largely depends on the efficiency of its storage. Storage of solar power is a challenge as the electricity produced from solar panels is intermittent. Exide solar batteries are specially designed to suit the rigors of daily charge-discharge cycle at an high ambient temperature, work efficiently in Partial State of Charge (PSOC) condition where the battery will operate successfully even in consecutive non-sunny days and recharged at a fast pace. The performance of a renewable energy system depends on the design, quality, efficiency, durability and reliability of its equipment. In line with the above scenario, Exide Industries Limited, the leader in Lead Acid Battery in India for the last 65 years is proud to present the widest range of Lead Acid Batteries manufactured with TORR Tubular Technology which stands for reliable and consistent performance for Solar Photovoltaic and other Renewable Energy based applications.



EXIDE SOLATUBULARTM AND SOLARBLITZTM

FEATURES :

-  Batteries are made of time tested **Exide Torr Tubular Positive Plates**

-  Available in **12V, 6V & 2V** range

-  Ultra **Low Maintenance**

-  Suitable for **frequent cyclic duty**

-  Superior **Cycle life**

-  Supplied in **factory charged condition** - ensures optimal quality and ready to use

-  Service life **comparable** with the **best of the international brands.**

-  SOLATUBULAR[®] & SOLARBLITZ[®] 12V LMS ranges meet **IS 13369 specification with latest amendments**

-  SOLATUBULAR[®] 2V LMXT ranges meet **IS 1651 specification with latest amendments**



Solatubular[®] 12V & 6V Battery



Solatubular[®]
LMXT - 2V Cells



SolarBlitz[®] 12V Battery



ADD ON FEATURES :



6V mono-blocks can be supplied with **MS Cabinet** (fitted suitable exhaust system) or **MS Stand** (knock down condition) in 48V configuration on demand – ideally designed for outdoor application.



2V Cells are also supplied in **factory filled and charged condition** to ensure savings on initial charging and man - hour cost at site.



2V Cells up to 800Ah are housed in **MS Modules (8/6/4V)** so that the compact modules can be installed straightway on arrival at site.
No additional expense for Battery Stand.



Easy to **Handle and Transport**

TECHNICAL SPECIFICATIONS :

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.80 v.p.c at 27°C (Ah)	Battery Weight with Acid ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
6LMS20	12	20	13.2	260	172	250
6LMS20L	12	20	14.3	260	172	250
6LMS40	12	40	25.5	410	176	292
6LMS40L	12	40	26.5	410	176	292
6LMS60	12	60	28.0	410	176	292
6LMS60L	12	60	28.0	410	176	292
6LMS75	12	75	32.0	410	176	292
6LMS75L	12	75	42.5	530	220	294
6LMS100	12	100	43.0	533	220	294
6LMS100L	12	100	52.0	500	187	421
6LMS120	12	120	52.0	500	187	421
6LMS120L	12	120	56.0	500	187	421
6LMS150	12	150	56.0	500	187	421
6LMS150L	12	150	62.0	500	187	421
6LMS180	12	180	62.0	500	187	421
6LMS180L	12	180	69.0	500	187	406
6LMS200	12	200	65.0	500	187	421
6LMS200L	12	200	75.0	500	187	421
3LMS300	6	300	66.3	500	187	421

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.85 v.p.c at 27°C (Ah)	Cell Weight with Acid ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
LMXT300	2	300	21	125	158	543
LMXT400	2	400	27	125	158	699
LMXT500	2	500	37	173	158	699
LMXT550	2	550	39	173	158	699
LMXT600	2	600	40	173	158	699
LMXT650	2	650	41	173	158	699
LMXT700	2	700	51	205	158	753
LMXT750	2	750	52	205	158	753
LMXT800	2	800	53	205	158	753
LMXT850	2	850	65	416	172	535
LMXT900	2	900	67	416	171	535
LMXT1000	2	1000	72	416	171	535

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.80 v.p.c at 27°C (Ah)	Battery Weight with Acid ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
6SBZ40	12	40	19	303	171	247
6SBZ40L	12	40	25.2	304	172	247
6SBZ75L	12	75	30.3	410	176	292
6SBZ105L	12	105	43.5	530	220	294
6SBZ150	12	150	50	530	187	320



EXIDE SOLATRONTM

FEATURES :



Batteries are made of Torr Tubular Positive Plates



Available in **12V & 2V** range



Exide **SOLATRON Tubular GEL VRLA** batteries offer **reliable, maintenance free** power.



Supplied in **factory charged condition** – ensures optimal quality and ready to us.



Suitable for **frequent deep cycles**.



Low rate of self discharge



No acid stratification



The thixotropic GEL manufactured with exclusive mixing technology in our state-of-the-art GEL manufacturing plant enables completely **spill proof & leak proof** and many available options / orientations for installation.



Designed for **long life**



SOLATRON 12V & 2V Gel ranges meets IS 15549, IEC 61427, IEC 60896 – 21& 22, BS 6290 Part IV, IEEE – 1188/1189, Eurobat Guide 1999 – Classified as “Long Life”



Solatron[®] – 12V Battery

ADD ON FEATURES :



Exclusive Gel manufacturing and mixing technology **ensures longer cycle life**.



Ultrapremium imported sealing valves **ensures safety and long life**.



Ultrapremium grade separators with excellent porosity and cleanliness are used to get **extended life and performance**.



2V cells are housed with **stackable MS Modules (8V)**.



2V cells can be supplied with **MS Cabinet** (fitted suitable exhaust system) in 48V configuration on demand – ideally **designed for outdoor application**.



Solatron[®] – 2V Cells

TECHNICAL SPECIFICATIONS :

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.75 v.p.c at 27°C (Ah)	Battery Weight with Gel ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
6SGL26	12	26	13	197	165	170
6SGL40	12	40	22	354	169	230
6SGL42	12	42	22	354	169	230
6SGL65	12	65	26	354	169	230
6SGL75	12	75	38	531	170	258
6SGL100	12	100	44	531	170	258
6SGL120	12	120	48	531	170	258
6SGL150	12	150	64	533	250	240
6SGL200	12	200	84	428	287	400

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.75 v.p.c at 27°C (Ah)	Module Dimension				
			Voltage (V)	Length ± 5mm	Width ± 5mm	Height ± 5mm	Weight ±5%(Kg)
SG200	2	200	12	406	365	370	91.46
SG300	2	300	8	585	201	520	102.4
SG400	2	400	8	585	201	520	113.2
SG500	2	500	8	717	200	520	149.3
SG550	2	550	8	717	200	520	149.3
SG600	2	600	8	585	201	690	158.5
SG650	2	650	8	825	206	516	172.3
SG700	2	700	6	552	200	610	137
SG750	2	750	6	552	200	690	155.6
SG800	2	800	6	552	200	690	155.6
SG850	2	850	4	386	262	690	125.2
SG900	2	900	4	386	262	690	125.2
SG950	2	950	4	386	262	690	133.2
SG1000	2	1000	4	386	262	690	133.2
SG1100	2	1100	4	526	221	690	150.3

RECHARGING CHARACTERISTICS DURING OPERATIONS :

	Low Maintenance Flooded Tubular Ranges	Tubular GEL VRLA Sealed Ranges
	Recommended Parameters For ambient temperature of 25°- 30°C	
Charging Current	Maximum - 20% of the battery AH capacity Minimum - 10% of the battery AH capacity	
Bulk Voltage	2.60 +/- 0.02V x no. of cells	2.40 +/- 0.02V x no. of cells
Float Voltage	2.30 +/- 0.02V x no. of cells	2.28 +/- 0.02V x no. of cells
Load Reconnect Voltage	2.16 +/- 0.02V x no. of cells	2.20 +/- 0.02V x no. of cells
Low Voltage Disconnect	1.90 +/- 0.02V x no. of cells	1.90 +/- 0.02V x no. of cells
Recharge Factor	110% of discharge Ah	106% of discharge Ah
Temperature Correction Factor (reference 25°C)	Float : -3mV/°C/2V unit Cyclic : -5mV/°C/2V unit	

APPLICATIONS :



SOLAR PHOTO VOLTAIC



**ROOF-TOP
SOLAR POWER PACK**



**SOLAR HYBRID
INVERTERS**



**HOME
LIGHTING**



**STREET
LIGHTING**



**RURAL
ELECTRIFICATION**



**OFFSHORE
PLATFORMS**



**SOLAR
POWER PLANTS**



**RAILWAY
SIGNALING**



**TELE
COMMUNICATION**



**NAVIGATIONAL
AIDS**

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Our policy is one of continued improvement and we reserve the right to change details without prior notice.

EXIDE INVA BRITE



Presenting Exide Inva Brite. The latest offering from Exide that promises superior power backup at a fantastic price. With Exide Inva Brite, you can be sure that there will be no shortage of power in your home. Get instant brightness with the best. Get Exide Inva Brite.

- Unique features and superior technology: Advanced Hybrid Technology that is best suited to withstand high temperatures as well as thick plate construction with special paste formulation. Special hybrid alloy system leading to low water loss and dual plate separation(PE+GM) that reduces the possibility of premature failure
- Easy maintenance: Float/float guide to indicate electrolyte level
- Easy handling/spill-proof: Moulded handles to ensure easy handling. Top vented lid with anti-splash guards fitted with coin flush vent plugs
- Fume and leak resistant: Spark arrestor fitted in float to restrict fumes and acid during operation. Clean top with no surface leakage
- Ready for commissioning: Batteries supplied in factory-charged condition




42 Month Warranty *
(18 FOC + 24 PRO-RATA)
* T&C Apply

Technical Specifications of Exide Inva Brite Range of Batteries

Battery Nomenclature	Ah Capacity	Dimensions ± 3mm			Nominal Filled Weight
	@ C20	Length	Width	Height	(KG)
FIB0-IBRTT1500	150	512	192	466	59
FIB0-IBRTT2000	180	512	192	466	58

EXIDE INVA HOMZ



- Economical Range
- Suitable for long power outages
- Short Height Containers - Saves Space

- Tubular Plate Design
- 800 Cycles @ 80% DOD



48 Month Warranty *
 (24 FOC + 24 PRO-RATA)
 (30 FOC + 18 PRO-RATA)

*** T&C Apply**

Technical Specifications of Exide INVA HOMZ Range of Batteries

Battery Nomenclature	Ah Capacity@ C20	Dimensions ± 3mm			Nominal Filled Weight
		Length	Width	Height	(KG)
FEH0-IHST1000	80	425	180	350	31
FEH0-IHST1200	100	539	226	337	45
FEH0-IHST1350	120	539	226	337	45
FEH0-IHST1500	135	539	226	337	44
FEH0-IHST1650	150	539	226	337	44
FEH0-IHJT2000	180	520	280	352	60
FEH0-IHTT1650	150	512	192	466	58
FEH0-IHTT2000	180	512	192	466	62

EXIDE INVAMASTER



→ Standard Range

→ Tubular Plate Design

→ Suitable for Deep Discharge

→ 1000 Cycles @ 80% DOD




60 Month Warranty *
(36 FOC + 24 PRO-RATA)

* T&C Apply

Technical Specifications of Exide Invamaster Range of Batteries

Battery Nomenclature	Ah Capacity	Dimensions ± 3mm			Nominal Filled Weight (kg)
	@ C20	Length	Width	Height	
FEM0-IMST1000	100	555	250	350	46
FEM0-IMTT1000	115	455	215	485	48
FEM0-IMTT1500	150	535	215	480	59
FEM0-IMST1500	150	555	250	350	52
FA00-IM10000	150	535	215	480	59
FEM0-IMTT1800	180	535	215	480	66
FEM0-IMTT2000	200	535	215	480	68

EXIDE INVATUBULAR




→ Premium Range - The Ultimate Inverter Battery

→ Tough Condition - Tough Battery with Thicker Plates

→ Long Life - 1200 Cycles @ 80% DOD

→ More Electrolyte per Ampere Hour



66 Month Warranty *
(48 FOC + 18 PRO-RATA)

* T&C Apply

Technical Specifications of Exide Invatubular Range of Batteries

Battery Nomenclature	Ah Capacity@ C20	Dimensions ± 3mm			Nominal Filled Weight (kg)
		Length	Width	Height	
FEI0-IT500	150	535	215	480	60
FEI0-IT500+	180	535	215	480	66
FEI0-IT750	200	535	215	480	68
FEI0-IT850	230	535	215	480	78

EXIDE INVERTERZ GQP

Grid Quality Power with 100% Copper Transformer

The Pure Sine Wave inverter is a top-of-the-line model which is arguably the most sophisticated in the market today. The feature-loaded smart product is notable for its 3-stage Auto Sense Intelligent Control (ASIC) charging with Auto Smart Protection and dual (LCD & LED) display. In hardware terms it is also one of the few with a copper transformer that saves power. The inverter provides steady grid quality power that is essential to safeguard your prized electronic gadgets.

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.

[Click Here >](#)

Features

**EXIDE
INVERTERZ
GQP**

**100%
Copper
Transformer**



- High quality pure sine wave
- 3-Stage Intelligent ASIC Charging*
- Great Power Saving
- Dual Output Sockets
- Mains Overload through Resettable Switch*
- Copper Transformer*
- LCD & LED -Dual Display
- Manual Mains Bypass Facility
- Auto Smart Protections



42 Month Warranty *

(FOC)

* T&C Apply

Technical Specifications of Exide Inverterz GQP

Description	GQP 12V 650VA	GQP 12V 850VA	GQP 12V 1050VA	GQP 24V 1450VA	GQP 12V 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		12V DC
Battery Low Cut Off	10.5V ± 0.2V DC		21.0V ± 0.4V DC		10.5V ± 0.2V DC

Charging Mode

Model	GQP 12V 650VA	GQP 12V 850VA	GQP 12V 1050VA	GQP 24V 1450VA	GQP 12V 1450VA
Maximum Charging Current (NC)	09Amp ± 1Amp	09Amp ± 1Amp	09Amp ± 1Amp	09Amp ± 1Amp	22Amp ± 10%
Maximum Charging Current (EC)	11Amp ± 1Amp				NA
Maximum Charging Current (HC)	13Amp ± 1Amp				30Amp ± 10%
Boost Charging Voltage	14.4V ± 0.2V DC		28.8V ± 0.4V DC		14.4V ± 0.2V DC
Trickle Charging Voltage	13.7V ± 0.2V DC		27.4V ± 0.4V DC		13.7V ± 0.2V DC
Change Over Time Mains to Back-up (@ UPS Mode)	≤ 10 msec				
Change Over Time Back-up to Mains (@ UPS Mode)	≤ 10 msec				
Input Voltage Range (@ UPS Mode)	180V - 260V ± 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)	100V - 280V ± 10V AC				

*Not Applicable for GQP 12V 1450VA

