

Standby UPS/Inverter Tubular Batteries

MICROTEX[®]
Since 1969

Capacities from 50 to 200 Ampere-Hours
In 12volts Battery range

Extra Ideal Power
for
Home/Office
UPS and Inverters

Low Maintenance
Ultratech
Flooded batteries -
Topping up
once in a year

Sealed Tubular
Eternia
Gel batteries -
Long life.



Microtex Factory Charged ready to use UPS/Inverter Batteries in MonoBlock PPCP Heat Sealed Containers

Microtex is a leading manufacturer of Industrial Batteries in Bengaluru, India. The factory has a covered area of 26700 Sq ft on 5 acres of land, with 300 trained people. Established 50 years ago it is a company well known for its high quality. Microtex produces in house, the specially designed lead alloys, lead oxides, grid castings, pasted plates, injection molded containers, multi-tubular gauntlets, separators and produces the complete battery using state of the art industry standard battery making machinery. The Company started producing Industrials Batteries in the seventies for applications like Traction, Stationary and Batteries for Indian Railways.

Microtex offers **Premium, Gold and Eternia Gel** range of UPS/Inverter application batteries of capacities ranging from 50Ah to 200Ah. These flooded and maintenance free batteries are designed to provide superior performance for both high cycling, float/long duration applications and reliability over the life of the battery. These batteries are manufactured using state of the art techniques and quality components, materials for reduced maintenance and extended battery life.

Special features of UPS /Inverter Batteries :

FEATURES OF PREMIUM & GOLD BATTERIES	ADVANTAGES
Proven Woven Tubular Technology	Active material retained within the PT bags - Longer life.
Electrolyte level indicator with in -built Ceramic vent plug for Flooded batteries .	Low Maintenance batter ies – Very low Topping up frequency .
High acid volume per ampere hour	Acid volume per ampere hour is more than of ordinary tubular batteries. It acts as a coolant and ensures very low maintenance.
Heavy Duty Excellent reserve capacity	Suitable for use in area s of frequent power cut
Resistance to abuse	Can withstand overcharge better & Performs well in all weather conditions
Short Type, Jumbo Type & Tall containers Type design	Occupies less floor space, Robust aesthetics
Conforms to IS 13369 -1992 Electrical Performance	Ensures consistent quality.
FEATURES OF ETERNIA GEL VRLA BATTERIES	ADVANTAGES
Proven Woven Tubular Technology	Active material retained within the PT bags - Longer life.
Thicker spines for Positive Tubular plates	Cast at 150 bars pressure en sures better compression and packing of lead.
Gelled electrolyte and Valve Regulated	Deep cycling capabilities, No water topping up during service life
Heavy Duty Excellent reserve capacity	Suitable for use in areas of frequent power cut
Resistance to abuse	Can withstand overcharge better & Performs well in all weather conditions
Short Type, Jumbo Type & Tall containers Type design	Occupies less floor space, Robust aesthetics
Conforms to IS 13369 -1992 Electrical Performance	Ensures consistent qualit y.

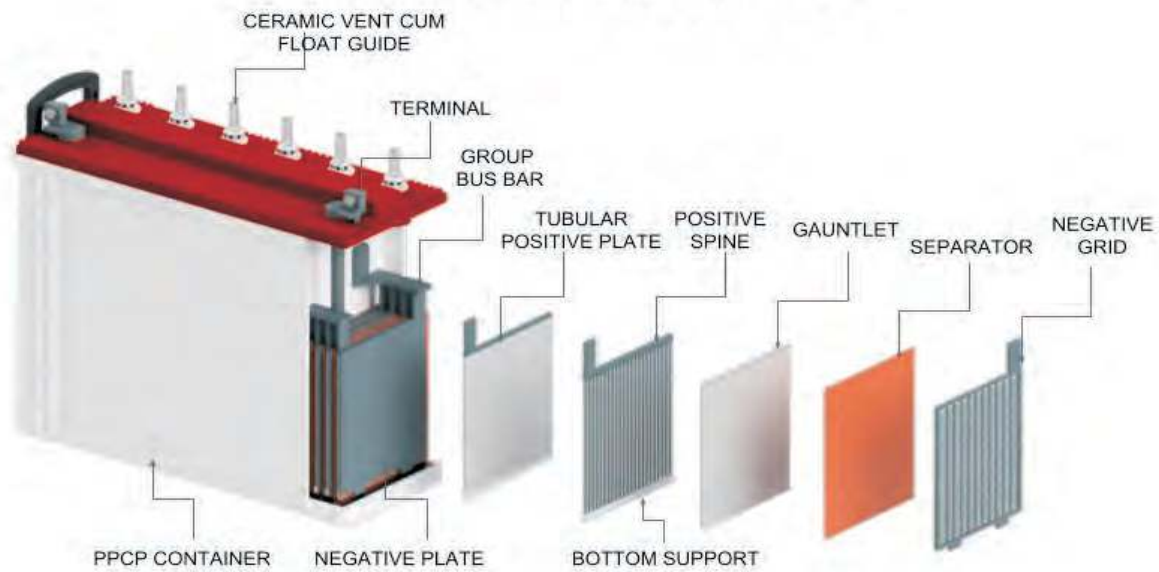
Batteries comply with Standard IS 13369-1992

The company is ISO 9001:2015 and ISO 14001:2015 certified

Applications:

- UPS / Inverter Systems
- Telecommunication systems
- Office Automation Equipments
- Fire Alarm & Security Systems Electronics
- PABX Systems
- Power Plants & Substations
- Process Instrumentation & Systems
- Special Purpose Starter Applications
- Railway Standby / Signaling

MICROTEX INVERTER/UPS BATTERY



12VOLTS MONOBLOCK TUBULAR BATTERY SELECTION CHART

Back Up Duration

Inverter Rating (VA)	DC Input Voltage (V)	Back Up Duration											
		6 Hrs		5 Hrs		4 Hrs		3 Hrs		2 Hrs		1 Hr	
300	12		160Ah		160Ah		120Ah		120Ah		120Ah		120Ah
500	12	2P	120Ah	2P	120Ah	2P	120Ah		160Ah		120Ah		120Ah
500	24	2S	120Ah	2S	120Ah	2S	120Ah	2S	120Ah	2S	120Ah	2S	120Ah
700	12	3P	120Ah	2P	160Ah	2P	160Ah	2P	120Ah		160Ah		160Ah
700	24	2S	160Ah	2S	160Ah	2S	120Ah	2S	120Ah	2S	120Ah	2S	120Ah
1000	12	3P	160Ah	3P	160Ah	3P	120Ah	2P	160Ah	2P	160Ah	2P	160Ah
1000	24	2PX2S	120Ah	2PX2S	120Ah	2PX2S	120Ah	2S	160Ah	2S	160Ah	2S	160Ah
1300	24	2SX2P	160Ah	2SX2P	160Ah	2SX2P	120Ah	2SX2P	120Ah	2S	160Ah	2S	160Ah
1300	48	4S	160Ah	4S	160Ah	4S	120Ah	4S	120Ah	4S	120Ah	4S	120Ah
2000	24	2SX3P	160Ah	2SX3P	160Ah	2SX3P	160Ah	2SX3P	160Ah	2SX2P	160Ah	2S	160Ah
2000	48	4SX2P	160Ah	4SX2P	120Ah	4SX2P	120Ah	4S	160Ah	4S	120Ah	4S	160Ah

TECHNICAL DATA - MICROTEX PREMIUM INVERTER/UPS 12volts Monobloc Flooded Batteries

Battery Type	Material of Container	Capacity in Ah at 27°C 20Hr	Capacity in Ah at 27°C 10Hr	Overall Dimension in mm			Battery Weight With Acid(appx.) Kgs.
				L ±5 mm	W ±5 mm	H ±10 mm	
IUST 12V50P	PPCP	50	40	303	170	240	20.30
IUST 12V75P	PPCP	75	60	410	173	245	27.30
IUST 12V100P	PPCP	100	80	510	220	255	38.50
IUST 12V120P	PPCP	120	100	510	220	255	42.60
IUTT 12V150P	PPCP	150	120	510	194	410	61.20
IUTT 12V160P	PPCP	160	130	510	194	410	62.80
IUTT 12V200P	PPCP	200	160	510	194	410	72.00
IUJT 12V150P	PPCP	150	120	510	220	293	48.40
IUJT 12V160P	PPCP	160	130	510	220	293	55.40
IUJT 12V220P	PPCP	220	175	518	274	293	70.00

TECHNICAL DATA - MICROTEX GOLD INVERTER/UPS 12volts Monobloc Flooded Batteries

Battery Type	Material of Container	Capacity in Ah at 27°C 20Hr	Capacity in Ah at 27°C 10Hr	Overall Dimension in mm			Battery Weight With Acid(appx.) Kgs.
				L ±5 mm	W ±5 mm	H ±10 mm	
IUTT 12V100PG	PPCP	100	85	510	194	410	52.40
IUTT 12V120PG	PPCP	120	100	510	194	410	53.20
IUTT 12V135PG	PPCP	135	110	510	194	410	54.00
IUTT 12V150PG	PPCP	150	120	510	194	410	59.00
IUTT 12V200PG	PPCP	200	160	510	194	410	60.70

Note:

PPCP- Poly Propylene Copolymer

All batteries are supplied in charged condition

The electrical characteristics are nominal indicative value and can vary within ±5.0%.

TECHNICAL DATA - MICROTEX ETERNIA GEL INVERTER/UPS 12volts Monobloc Tubular Plate VRLA Batteries

Battery Type	Material of Container	Capacity in Ah at 27°C 20Hr	Capacity in Ah at 27°C 10Hr	Overall Dimension in mm			Battery Weight With Gel (appx.) Kgs.
				L ±5 mm	W ±5 mm	H ±10 mm	
EGEL ST 50	PPCP	50	40	355	170	230	23
EGEL ST 75	PPCP	75	65	355	170	230	27
EGEL ST 90	PPCP	90	75	508	223	257	39
EGEL ST 120	PPCP	120	100	508	223	257	45
EGEL ST 145	PPCP	145	120	508	223	257	49
EGEL TT 95	PPCP	95	75	500	187	430	66
EGEL TT 120	PPCP	120	100	500	187	430	71
EGEL TT 150	PPCP	150	120	500	187	430	73
EGEL TT 165	PPCP	165	135	500	187	430	77
EGEL TT 200	PPCP	200	160	500	187	430	86

Note :

PPCP- Poly Propylene Copolymer

All TGEL Batteries are supplied in factory charged condition only

The electrical characteristics are nominal indicative value and can vary within ±5.0%.

Float Charging: Constant Voltage Charging Method 2.25V per cell at 27 deg C .

Boost Charging: Constant Voltage Charging Method 2.30V per cell at 27 deg C. Current Maximum 20% of the Rated Capacity.

Recommended Maximum Storage Period before Freshening Charge at 27 deg C : 06 months from the date of Invoice .

Manufactured by:

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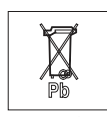
www.microtexindia.com



Read instruction Manual



Completely recyclable



Hand over to authorised MOEF recyclers



Protect eyes from electrolyte



Electrical Hazard

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