



## SMF VRLA Batteries in Monoblock ABS Container

12volts 7.2Ah

12volts 12Ah

12volts 24Ah

12volts 42Ah

12volts 100Ah

12volts 150Ah

12volts 9Ah

12volts 18Ah

12volts 33Ah

12volts 65Ah

12volts 120Ah

12volts 200Ah

### Special Features:

- ❖ Special designed alloys for flat plate Batteries -good cycle life.
- ❖ Proprietary chemical mixes for added service life.
- ❖ Heavy-duty custom-made separators.
- ❖ Battery grade epoxy resin sealed to eliminate container leakage.

### Standby Battery Charging instructions

Charger Voltage Settings at 27°C

System Voltage	12 V	24 V	36 V	48V
Boost Charge	14.70	29.40	44.10	58.80
Float Charge	13.50	27.00	40.50	54.00
Normal Charge	16.02	32.04	48.06	64.08

### Charging Temperature Compensation

Add 0.005 volt per cell for every 1 °C below 27°C  
Subtract 0.005 volt per cell for every 1 °C above 27°C

### Operational Data

Operating Temp. -20°C below 55°C  
At Temp. below 0°C maintain a State of charge > 60%

### Self-Discharge

2-5 % Per month depending on storage Temp. Conditions

### Caring for your Standby battery

Overcharging damages cells: Try to use automatic chargers that switch off once the battery reaches its maximum charge.

Regularly check for corrosion: Our battery terminals are coated for anti-corrosion properties, though, from time to time it may be necessary to clean the terminals ( primarily if not tightly fitted ). This is especially true for resorts, hotels and applications in particularly humid locations.

Take preventative measures: A thin layer of petroleum jelly will protect your battery terminal from corrosion.

### 12v SMF Battery range

- SMF 12v batteries from 7.2Ah to 200Ah
- Batteries are supplied in Standard International Sizes in ABS containers.
- Passivated SS Fasteners
- Plates for high temperature performance

Microtex SMF 12v batteries comply with IS 15549:2005 -Indian Standard JIS C 8702-1 & IEC 60896 -International standards.

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

## Technical data - SMF Monoblock Batteries in ABS Container

Sl No	Battery Type	Volts	Nominal Capacity 20hr rate-Ah	Nominal Dimensions			Weight (Appx)		Layout	Terminal Illustration	Electrolyte (1.300 SP.GR)	
				Length	Width	Height	Dry	Wet			Litre	KG
1	MP127.2	12	7.2	151	65	100	1.80	2.30	2	A/C	0.39	0.51
2	MP129	12	9	151	65	100	1.90	2.65	2	A/C	0.39	0.51
3	MP1212	12	12	151	98	100	3.40	4.30	2	C	0.80	1.04
4	MP1218	12	18	181	76	167	5.00	6.60	2	D/E	1.20	1.56
5	MP1224	12	24	166	175	125	7.00	9.00	2	C/D/E	1.60	2.08
6	MP1233	12	33	197	165	172	8.06	13.40	1	E/F	2.20	2.86
7	MP1242	12	42	197	165	172	10.10	14.00	2	F/G	2.40	3.12
8	MP1265	12	65	350	166	174	15.50	21.30	2	F/G	4.50	5.85
9	MP12100	12	100	329	174	214	24.00	33.50	1	J/G	7.80	10.14
10	MP12120	12	120	407	173	235	26.50	37.60	1	J/G	8.60	11.18
11	MP12150	12	150	483	170	241	33.70	46.30	1	J/G	10.50	13.65
12	MP12200	12	200	522	240	218	44.20	62.00	1	K/O	14.00	18.20

### Note

ABS - Acrylonitrile Butadiene Styrene.

All SMF Batteries are supplied in factory charged condition only

The electrical characteristics are nominal indicative value and can vary within  $\pm 5.0\%$ .

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

### Key Features of the Microtex Sealed Lead Acid Battery-SMF Monoblock

- More Power
- Longer Discharge Time
- Long Life
- Absorbent Glass Mat (AGM) technology for efficient gas recombination with No water adding and Maintenance Free
- Computer designed lead, calcium tin alloy grid for high power density
- Long service life in float or cyclic applications
- Maintenance-free operation
- Low self-discharge
- Best quality Resilient AGM Separator: Optimum compression, electrolyte available throughout service life

### 12volt SMF Batteries Performance details:

- Self-Discharge: Less than 1% per week
- Designed Float Life: 10 years
- Designed cycle life at 27 deg C:
- 1450 cycles at 20% depth of discharge
- 500 cycles at 50% depth of discharge
- 250 cycles at 80% depth of discharge

Manufactured by:

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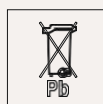
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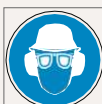
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Completely recyclable



Hand over to authorised MOEF recyclers



Protect eyes from electrolyte



Electrical Hazard

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