

TANDHAN POWER

LIVE LIFE NON-STOP

TPMF 200-12 (12V 100AH)



TPMF 100-12 (12V 100AH)



TPMF 150-12 (12V 100AH)



AGM VRLA SEALED MAINTENANCE FREE BATTERY

FEATURES

- Sealed Maintenance Free
- Eco Friendly
- Easy Handling – Easy Installation
- Extended Cycle Life
- Excellent Charge Retention & Recovery
- High Reliability
- Performance Characteristics confirming to JISC8702
- Free from Orientation Constraints
- Minimal Voltage Drop
- Ready-to-use
- Low Self Discharge
- Superior High Rate Discharge
- Deep Cycle Application

CONSTRUCTION

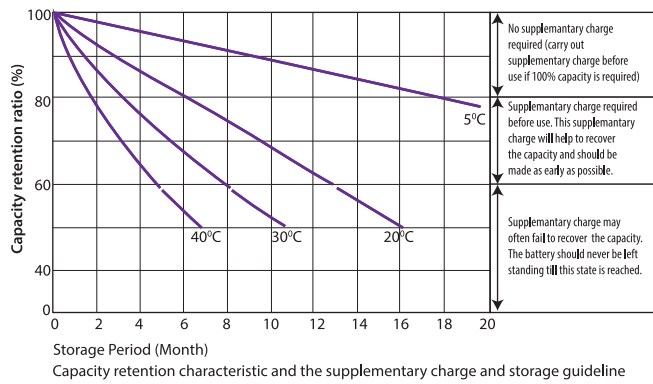
- Positive and negative plates in lead-tin-calcium alloy
- Separator - low resistance micro porous glass
- The electrolyte is absorbed within this material, preventing acid leakage in case of accidental damage
- Terminals with a large surface area
- Self regulating pressure relief valve
- 100% ensured capacity (through Data-logger) during manufacturing
- Stronger, sturdier & attractive packaging
- Specially suited for UPS & Power Application

SPECIFICATION CHART

Battery Type	Nominal Voltage (V)	Rated Capacity (Ah) at 27°C								Dimensions (mm)				Weight (Kg) ± 5%	Internal Resistance (m-ohm)	Max Discharge Current (Amps)
		20 hr 1.75 V/cell	10h r 1.75 V/cell	5 hr 1.75 V/cell	3 hr 1.75 V/cell	2 hr 1.75 V/cell	90 min 1.75 V/cell	60 min 1.75 V/cell	30 min 1.75 V/cell	Overall Height ± 3	Height upto lid ± 3	Length ± 2	Width ± 2			
TPMF100-12	12	100	90.0	81.0	75.0	75.0	66.0	55.0	45.0	235	235	407	173	32.8	6	600
TPMF150-12	12	150	135.0	121.5	112.5	112.5	99.0	82.5	67.5	240	240	557	172	45.8	6	900
TPMF200-12	12	200	180.0	162.0	150.0	140.0	132.0	110.0	90.0	240	240	533	250	63.6	5	1200

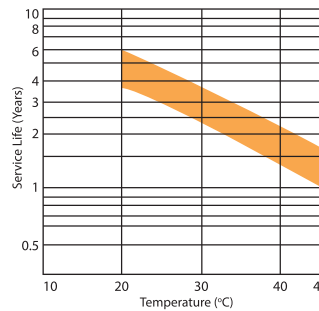
CAPACITY RETENTION

Retention of charge of TPMF Series under ideal storage conditions

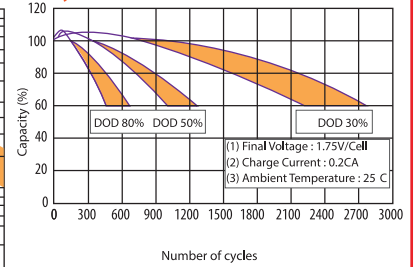


TPMF SERVICE LIFE

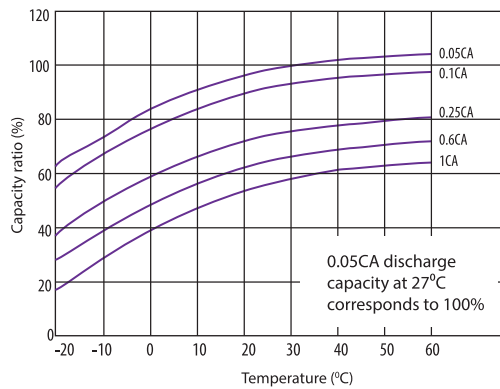
Float Service Life



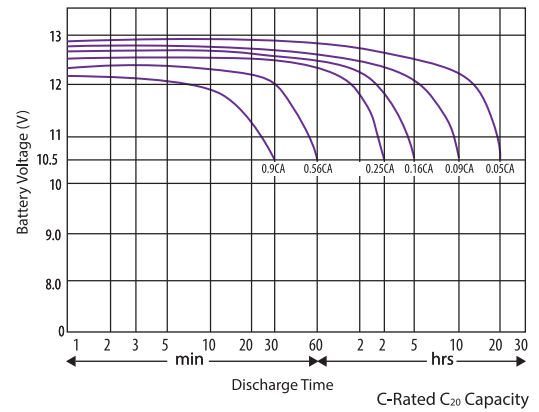
Cycle Service Life



EFFECT OF TEMPERATURE ON CAPACITY

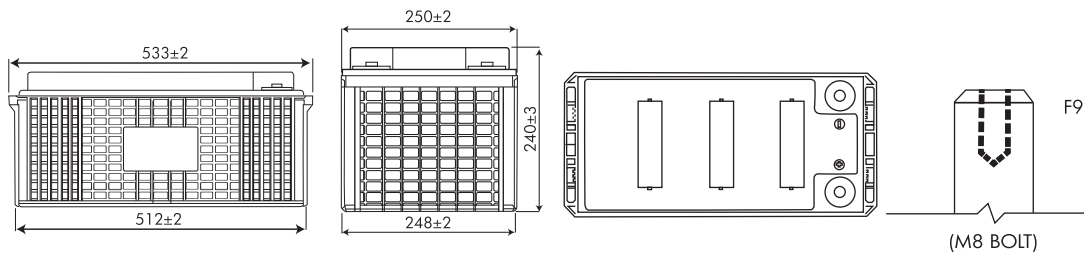


TPMF DISCHARGE CHARACTERISTICS



BATTERY OUTLINE & DIMENSIONS

TPMF 200-12 (12V 200AH)



TPMF 150-12 (12V 150AH)

