



TUBULAR MF SOLAR POWER BATTERY TMF SERIES



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TUBULAR MF SOLAR POWER BATTERY

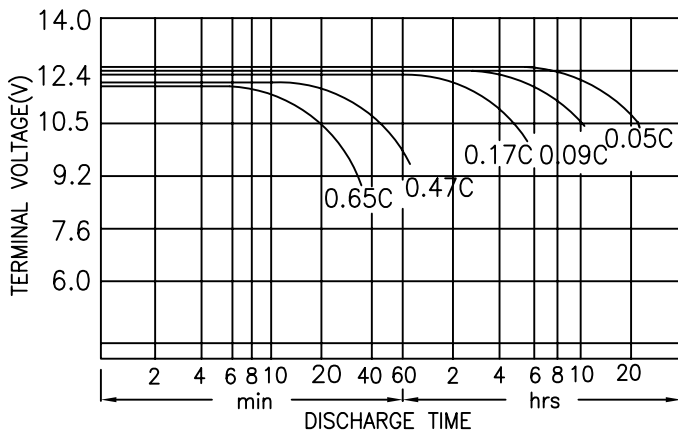


Flooded Electrolyte Maintenance Free

SPECIFICATION OF THE TMF BATTERY

TYPE	RATED VOLTAGE (V)	RATED CAPACITY(Ah)			OVERALL DIMENSION (mm)				Type OF Terminal	WEIGHT (Kg)
		20HR	5HR	1HR	LENGTH	WIDTH	HEIGHT	TOTAL HEIGHT		
		FINAL VOLTAGE(V)								
		1.75	1.70	1.60						
TMF1250	12	50	42	30	229	173	182	206	B&N	15
TMF1260	12	60	50	36	259	176	202	233	B&N	19
TMF1270	12	70	57	42	318	173	204	224	B&N	23
TMF12100	12	100	82	60	332	171	218	252	B&N	30
TMF12120	12	120	102	72	506	180	208	231	B&N	36
TMF12150	12	150	127	90	506	221	210	233	B&N	45
TMF12200	12	200	170	120	515	265	215	238	B&N	58

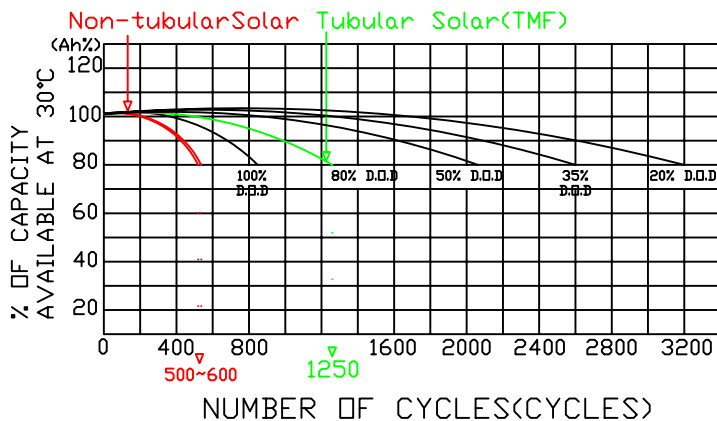
DISCHARGE CURVES (30 °C. 86 °F)



RELATION BETWEEN DOD AND LIFE SPAN

Depth of DCHG. (%)	Nos. of Cycle	Life Span (Year)
100	800	2.7
90	1050	3.5
80	1250	4.2
70	1450	4.8
60	1700	5.7
50	2050	6.8
35	2600	8.7
20	3200	10.7

CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



SOLAR SYSTEM CONTROL WITH BATTERY	
* Charging Voltage Control	
Boost Charging Voltage	14.8V
Equalizing Chrg. Voltage	14.4V
Float Charging Voltage	13.6V
* Allowed Load Control Voltage	
Load Disconnected	11.0V
Load Reconnected	12.6V