



PM150-12 12V150AH

PM SERIJA - GEL Baterija



Specifikacija

Nominalni napon Un	12V	
Nomial Capacity(10HR)	150.0AH	
Dimension	Length	485±3mm (19.09 inches)
	Width	170±2mm (6.69 inches)
	Container Height	240±2mm (9.45 inches)
	Total Height (with Terminal)	240±2mm (9.45 inches)
Approx Weight	Approx 41.3 Kg (91.0 lbs)	
Terminal	T11	
Container Material	ABS	
Rated Capacity	160.8 AH/8.04A	(20hr , 1.80V/cell,25°C/77°F)
	150.0 AH/15.0A	(10hr, 1.80V/cell,25°C/77°F)
	131.6 AH/26.3A	(5hr, 1.75V/cell,25°C/77°F)
	119.3 AH/39.8A	(3hr, 1.75V/cell,25°C/77°F)
	96.9 AH/96.9A	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	1500A (5s)	
Internal Resistance	Approx 2.7mΩ	
Operating Temp. Range	Discharge : -15~50°C (5~122°F)	
	Charge : 0~40°C (32~104°F)	
	Storage : -15~40°C (5~104°F)	
Nominal Operating Temp. Range	25±3°C (77 ±5°F)	
Cycle Use	Initial Charging Current less than 37.5 A.Voltage	
	14.4V~15.0V at 25°C(77°F)Temp. Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage	
	13.5V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77 °F)	100%
	0°C (32°F)	86%
Self Discharge	JYC GE series batterys may be stored for up to 9 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	

Aplikacije:

- ◆ Telekomunikacije
- ◆ Sistemi solarnog napajanja
- ◆ Sistem vetrogeneratora
- ◆ Električna vozila
- ◆ Invalidska kolica
- ◆ Mašine za pranje podova
- ◆ Golf auto
- ◆ Elektromotori za pogon brodova

ISO 9001	ISO 14001	OHSAS 18001	TLC
CE	RoHS	CCC	PV Battery

Opterećenje sa konstantnom strujom (Amper) na 25 °C (77°F)

F.V/Time	20min	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
1.85V/cell	114.2	89.6	68.4	57.2	36.3	27.7	22.9	19.8	17.1	15.1	13.6	12.5	11.8	6.48
1.80V/cell	130.8	100.2	75.4	63.2	39.3	29.7	24.3	20.8	17.9	15.8	14.3	13.1	12.3	6.75
1.75V/cell	147.0	110.2	81.5	67.6	41.6	31.3	25.4	21.6	18.6	16.4	14.7	13.5	12.56	6.89
1.70V/cell	158.4	118.0	86.6	71.6	44.1	32.6	26.3	22.3	19.2	16.9	15.2	13.9	12.9	6.97
1.67V/cell	164.8	122.6	89.6	74.3	45.3	33.7	26.9	22.7	19.5	17.2	15.4	14.0	13.0	7.04
1.60V/cell	178.6	131.2	96.3	78.8	47.1	35.0	27.9	23.4	20.0	17.6	15.7	14.3	13.3	7.14

Opterećenje sa konstantnom strujom (Wat) na 25 °C (77°F)

F.V/Time	20min	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
1.85V/cell	218.6	172.7	132.6	111.4	71.0	54.2	45.1	39.1	33.8	30.0	27.1	24.8	23.5	12.9
1.80V/cell	247.1	191.2	145.2	122.4	76.4	57.9	47.6	40.9	35.4	31.3	28.4	26.0	24.5	13.5
1.75V/cell	274.6	208.4	155.8	130.3	80.8	61.0	49.7	42.4	36.5	32.4	29.2	26.8	25.0	13.7
1.70V/cell	292.6	221.2	164.2	137.1	85.2	63.4	51.2	43.6	37.7	33.4	30.0	27.5	25.5	13.9
1.67V/cell	301.2	227.5	168.9	141.4	87.0	65.1	52.3	44.3	38.2	33.8	30.4	27.8	25.8	14.0
1.60V/cell	322.7	241.2	180.1	149.4	90.0	67.4	54.1	45.6	39.0	34.4	30.89	28.32	26.25	14.2

Note The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

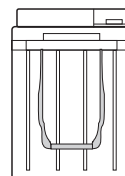
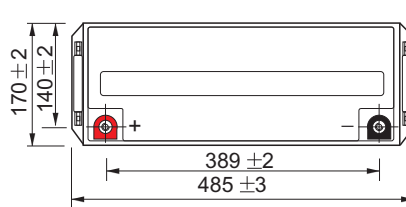
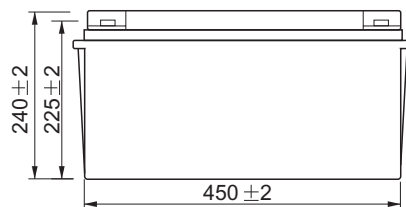
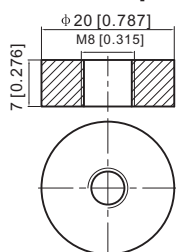
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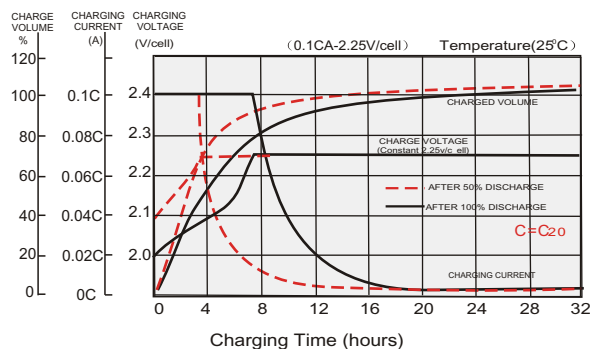
Dimensions

T11 Terminal

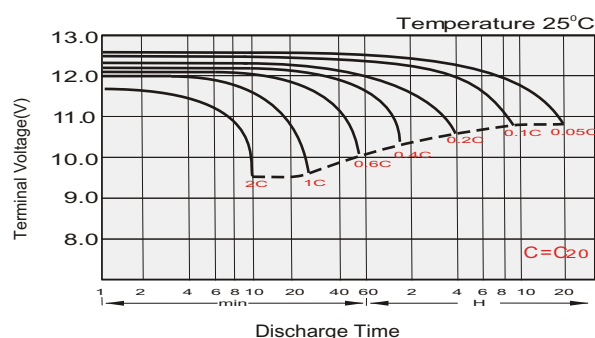
Unit: mm [inches]



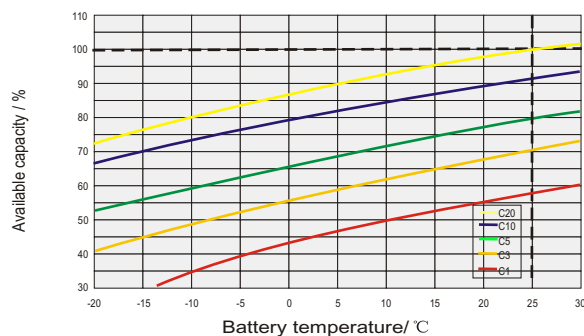
Float Charging Characteristics



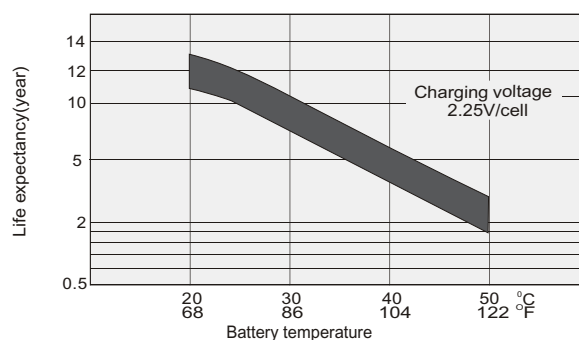
Discharge Characteristics



Temperature Effects in Relation to Battery Capacity

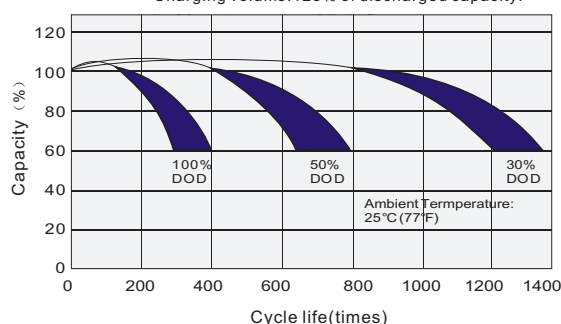


Effect of Temperature on Long Term Float Life

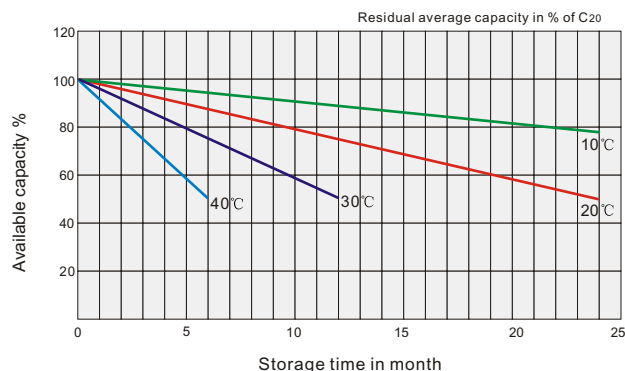


Cycle Life in Relation to Depth of Discharge

Testing condition
Discharging: current 0.17C (FV 1.7V/cell);
Charging: current 0.25C max, voltage 2.45V/cell;
Charging volume: 125% of discharged capacity.



General Relation of Capacity VS. Storage Time



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