

PM100-12 12V100AH

PM SERIJA - GEL Baterija



Specifikacija

Nomialni napon Un	12V	
Nomialni Capacitet(10h)	100.0AH	
Dimenzije	Dužina	330±3mm (12.99 inches)
	Širina	173±2mm (6.81 inches)
	Visina kutije	212±2mm (8.35 inches)
	Visina sa priključcima	220±2mm (8.66 inches)
Prosečna težina	Približno 29.2 Kg (64.3 lbs)	
Terminali	T11	
Kućište Material	ABS	
Nominalni Kapacitet	105.0 AH/5.25A	(20hr , 1.80V/cell, 25°C/77°F)
	100.0 AH/10.0A	(10hr, 1.80V/cell, 25°C/77°F)
	87.2 AH/17.4A	(5hr, 1.75V/cell, 25°C/77°F)
	79.4 AH/26.5A	(3hr, 1.75V/cell, 25°C/77°F)
	61.1 AH/61.1A	(1hr, 1.60V/cell, 25°C/77°F)
Struja maks. opterećenja	1000A (5s)	
Unutrašnja otpotnost	Približno 3.4mΩ	
Opseg radnih temperatura	Pražnjenje: -15 ~ 50°C (5 ~ 122°F)	
	Punjenje : 0 ~ 40°C (32 ~ 104°F)	
	Skladištenje: -15 ~ 40°C (5 ~ 104°F)	
Nominalni opseg radne temp.	25±3°C (77 ± 5°F)	
Ciklična upotreba	Preporučeno punjenje: struja manja od 25A napon 14.4V~15.0V at 25°C(77°F)Temp. Koeficient -30mV/°C	
Stacionarna upotreba	Bez limita na početno punjenje struje i napona 13.5V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C	
Kapacitet u zavisnosti od Temperature	40°C (104 °F)	103%
	25°C (77 °F)	100%
	0°C (32 °F)	86%
Samopražnjenje	Serija akumulatora PM GEL može da se skladišti čak do 9 meseci na temperaturi do 25°C(77°F) i nakon toga, potrebno jedopuniti iste. Za veće temperature ovaj interval jeman	

Aplikacije:

- ◆ Telekomunikacije
- ◆ Sistemi solarnog napajanja
- ◆ Sistem vetrogeneratora.
- ◆ Motor start sistemi
- ◆ Električna vozila
- ◆ 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	84.6	66.4	50.7	42.4	26.9	20.5	17.0	14.7	12.3	10.9	9.8	8.96	8.47	4.61
1.80V/cell	96.9	74.2	55.9	46.8	29.1	22.0	18.0	15.4	12.9	11.4	10.3	9.42	8.85	4.80
1.75V/cell	108.9	81.6	60.4	50.1	30.9	23.2	18.9	16.0	13.3	11.8	10.6	9.7	9.00	4.90
1.70V/cell	117.3	87.4	64.1	53.0	32.7	24.2	19.5	16.5	13.8	12.2	10.9	10.0	9.23	4.96
1.67V/cell	122.1	90.8	66.4	55.0	33.6	24.9	20.0	16.8	14.0	12.3	11.1	10.1	9.34	5.01
1.60V/cell	132.3	97.2	71.3	58.4	34.9	25.9	20.7	17.4	14.4	12.6	11.3	10.3	9.53	5.08

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	161.9	128.0	98.2	82.6	52.6	40.2	33.4	28.9	24.3	21.6	19.5	17.8	16.9	9.20
1.80V/cell	183.0	141.6	107.5	90.7	56.6	42.9	35.3	30.3	25.4	22.5	20.4	18.7	17.6	9.57
1.75V/cell	203.4	154.4	115.4	96.5	59.8	45.2	36.8	31.4	26.3	23.3	21.0	19.3	17.9	9.75
1.70V/cell	216.8	163.9	121.7	101.6	63.1	46.9	37.9	32.3	27.1	24.0	21.6	19.7	18.3	9.86
1.67V/cell	223.1	168.5	125.1	104.8	64.4	48.2	38.7	32.8	27.5	24.3	21.9	20.0	18.5	9.95
1.60V/cell	239.1	178.7	133.4	110.7	66.7	49.9	40.1	33.8	28.1	24.7	22.2	20.3	18.9	10.1

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

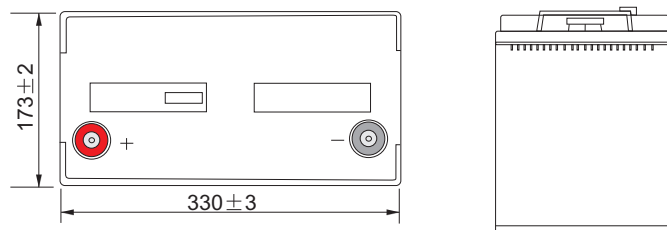
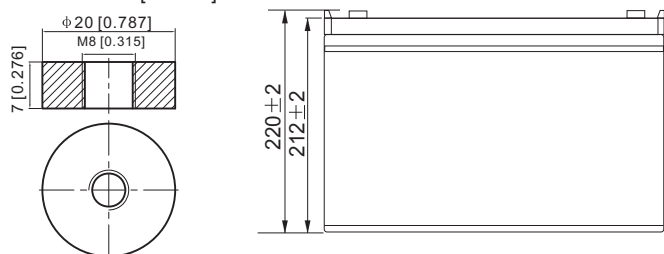
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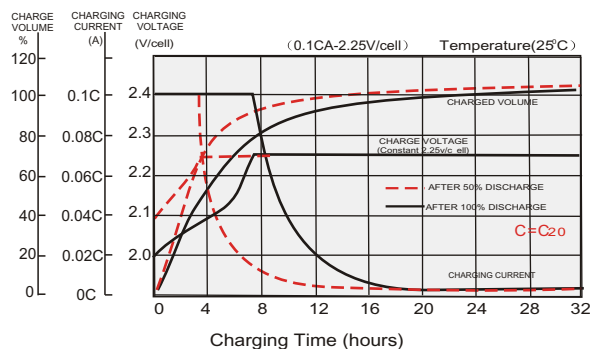
Dimenzije

T11 Terminal

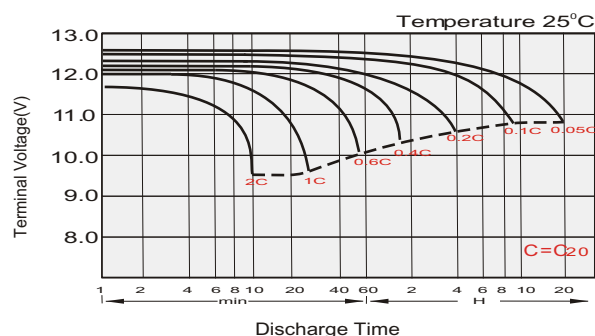
Unit: mm [inches]



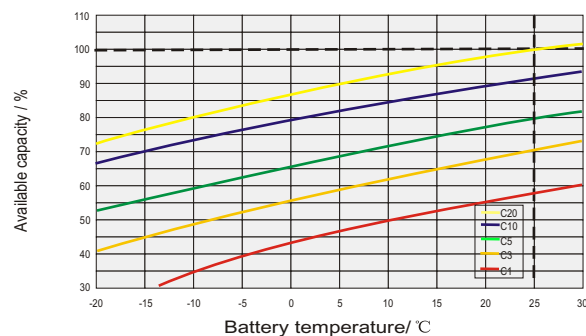
Float Charging Characteristics



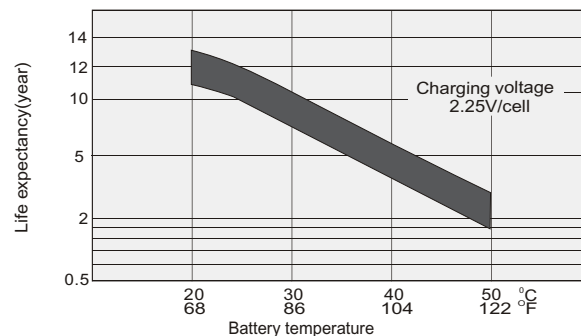
Discharge Characteristics



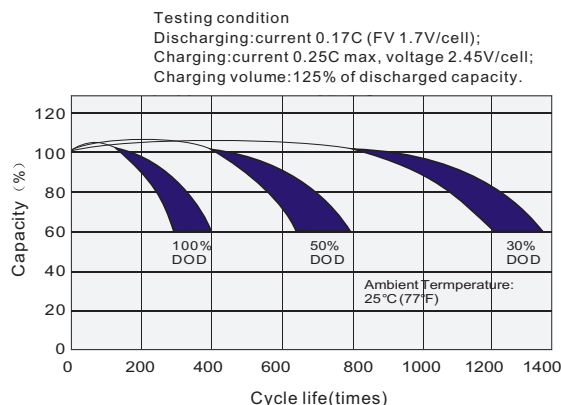
Temperature Effects in Relation to Battery Capacity



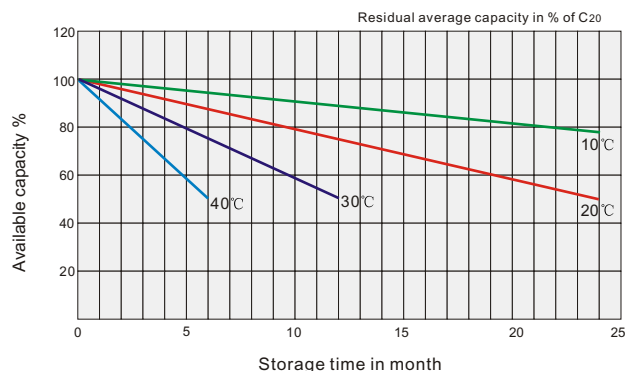
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



General Relation of Capacity VS. Storage Time



POWER MAX Battery

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