

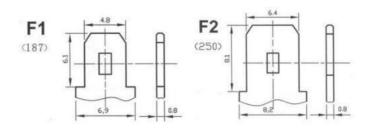






Model: BT-12M9.0AC(12V9.0AH)





Application

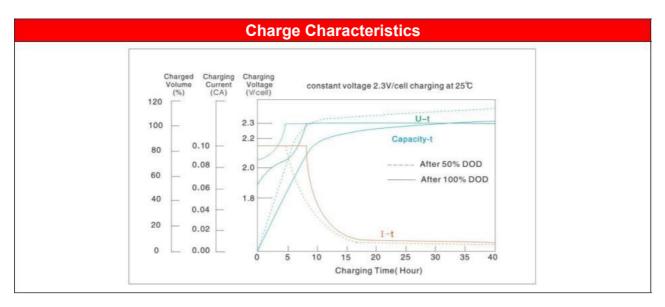
- ☆ Measuring equipment and instrument
- ☆ Telephone sets
- ☆ Lighting equipment
- ☆ Security systems
- ☆ UPS power supply

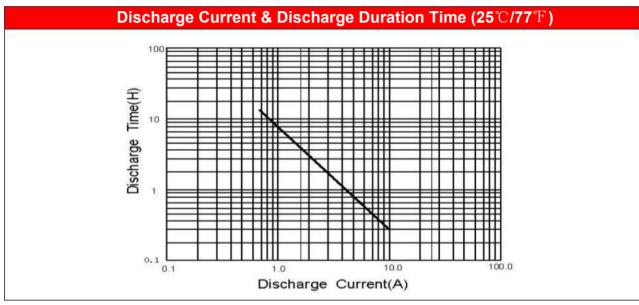
General Features

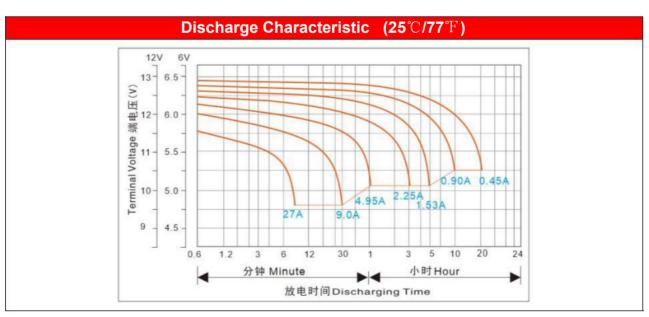
- □ Designed floating charging service life: 8 years (25°C)
- ☆ Sealed and maintenance free operation
- ☆ Safety valve installation for explosion proof
- ☆ Low self-discharge characteristic
- ☆ Wide operating temperature range from 0°C-40°C
- ☆ Lead Aluminum calcium Tin alloy high energy, prevent corrosion

PHYSICAL SPECIFICATIONS									
	Nominal Voltage	12V							
Non	Nominal Capacity (20HR)								
	Length	151±2mm							
Dimensions	Width	65±1mm							
Dillielisiolis	Container height	95±1mm							
	Total Height (with terminal)	100±2mm							
	Weight±3%	Approx 2.55Kg(5.62lbs)							
Internal Res	Internal Resistance(In full charge status)								
S	tandard Terminals	F1/F2(standard)							

Constant – Voltage Charge										
	1.	Limit initial current less than 2.25A.								
Cycle application	2.	Charge until battery voltage (under charge) reaches 14.1V to 14.4V at 25℃ (77F).								
	3.	Hold at 14.1V to 14.4V until current drop to under 0.054A for at least 3 hours.								
	4.	Temperature compensation coefficient of charging voltage is -30mV/℃.								
3)	1.	Hold battery across constant voltage source of 13.6to 13.8 volts with current limit								
Standby service		2.25A continuously .When held at this voltage , the battery will seek its own								
		current level and maintain itself in a fully charge status.								
	2.	Temperature compensation coefficient of charging voltage is -18mV/℃								
NOTE : The battery should be	e cha	arged within 6 months of storage ,Otherwise , permanent loss of capacity might occur								
as a result of sulfation	n									







	ELECTRICAL SPECIFICATIONS					
	20 hour rate(450mA)	9.00AH				
	10 hour rate(900mA)	8.08AH				
Rated Capacity	5 hour rate(1.53A)	7.45AH				
8	27minute rate(9.0A)	4.50AH				
1	7 minute rate (27A)	3.60AH				
Capacity affected by	40℃(104°F)	103%				
Temperature	25℃(77 ℉)	100%				
(20Hour Rate)	0°C(32°F)	86%				

Constant Current Discharge Data Sheet (Amperes at 25℃)													
End	Minute (M)					Hour (H)							
Voltage	5	10	15	30	45	1	1.5	2	3	5	8	10	20
10.20	33.3	21.7	17.0	8.72	6.29	5.40	4.31	3.21	2.42	1.55	1.04	0.853	0.459
10.50	33.0	21.5	16.8	8.59	6.22	5.37	4.23	3.08	2.34	1.51	1.03	0.844	0.455
10.80	32.6	21.3	16.7	8.51	6.15	5.32	4.14	2.96	2.25	1.49	1.02	0.836	0.450

Constant Power Discharge Data Sheet (Watt at 25℃)													
End	Minute (M)					Hour (H)							
Voltage	5	10	15	30	45	1	1.5	2	3	5	8	10	20
10.20	362	261	211	119.3	86.98	66.17	50.75	38.18	27.25	17.96	12.65	10.24	5.51
10.50	347	252	205	116.8	84.98	65.12	50.01	37.64	26.63	17.75	12.55	10.08	5.43
10.80	329	243	198	113.5	82.82	64.04	49.26	37.10	26.17	17.55	12.42	9.91	5.36

