MYCAM



Applications

- All purpose
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Emergency light
- 🔸 Railway signal
- Aircraft signal
- Alarm and security system
- Electronic apparatus and equipment
- Communication power supply
- DC power supply
- Auto controlsystem



MC12120 12V 120AH

Specification

Nominal Voltage	12V								
Nominal Capacity(10HR)	120AH								
	Length	407±3mm (16.0 inches)							
Dimension	Width	173±2mm (6.81 inches)							
Dimension	Container Height	208±2mm (8.18 inches)							
	Total Height (with Terminal)	233 \pm 2mm (9.17 inches							
Approx Weight	Approx 32.0 kg (70.55 lbs)								
Terminal	T11								
Container Material	ABS								
	124.8 AH/6.24A (20	hr ,1.80V/cell,25°C/77°F)							
	120.0 AH/12.0A (10	0hr,1.80V/cell,25°C/77°F)							
Rated Capacity	103.2 AH/20.64A (5	5hr,1.75V/cell,25°C/77°F)							
	93.6 AH/31.2A (3	3hr,1.75V/cell,25°C/77°F)							
	73.2 AH/73.2A (*	1hr,1.60V/cell,25°C/77°F)							
Max. Discharge Current	1300A (5s)								
Internal Resistance	Approx 4.0 mΩ								
	Discharge : -15~50°C (5~122°F)								
Operating Temp.Range	Charge : 0~40°C (32~104°F)								
	Storage :-15~40°C (5~104°F)								
Nominal Operating Temp. Range	25±3℃ (77±5°F)								
Cycle Use	Initial Charging Current less than36.0A.Voltage								
Cycle Use	14.4V~15.0V at 25°C(77°F)Temp. Coefficient -30mV/°C								
Otara dha a ba a	No limit on Initial Charging Current Voltage								
Standby Use	13.5V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C								
Capacity affected by	40°C (104 °F)	103%							
Temperature	25°C (77°F)	100%							
	<u>0°C (32°F)</u>	86%							
Colf Discharge	GP series batterys may be stored for up to 6 months								
Self Discharge	at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.								

Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	205.4	161.5	137.3	114.9	91.3	69.1	56.6	36.0	28.5	23.3	18.8	16.3	13.3	11.3	6.18
1.80V/cell	275.7	206.3	165.9	135.8	107.7	80.4	63.4	39.3	30.7	24.8	20.1	17.5	14.1	12.0	6.24
1.75V/cell	310.8	226.7	181.2	146.1	111.8	83.4	66.3	40.8	31.2	25.4	20.6	18.0	14.3	12.1	6.30
1.70V/cell	342.3	247.1	193.5	153.5	116.4	86.7	68.4	42.4	32.1	26.1	21.2	18.4	14.5	12.2	6.42
1.65V/cell	377.4	266.7	205.7	163.1	122.8	88.9	70.7	43.6	33.5	27.0	21.8	18.8	14.7	12.5	6.50
1.60V/cell	416.3	289.5	220.0	173.7	129.6	92.6	73.2	45.1	34.5	27.8	22.5	19.2	14.9	12.6	6.54

Constant Power Discharge (Watts) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	375.5	298.3	256.2	216.5	174.0	132.8	109.1	70.0	55.5	45.5	36.8	32.1	26.2	22.4	12.2
1.80V/cell	498.7	376.6	305.4	252.2	202.2	153.2	121.6	75.9	59.4	48.3	39.3	34.3	27.7	23.7	12.3
1.75V/cell	550.3	407.2	329.5	268.7	208.1	157.5	126.6	78.4	60.3	49.2	40.2	35.1	28.1	23.9	12.4
1.70V/cell	589.2	433.8	346.9	280.2	215.4	163.2	130.2	81.3	61.9	50.4	41.1	35.8	28.5	24.1	12.7
1.65V/cell	640.5	463.8	366.0	295.5	225.4	165.8	133.6	83.1	64.2	52.0	42.1	36.5	28.8	24.6	12.8
1.60V/cell	690.1	492.1	385.0	311.3	236.3	171.8	137.6	85.5	65.9	53.4	43.4	37.2	29.1	24.8	12.9

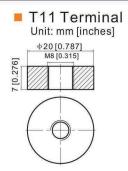
Note The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

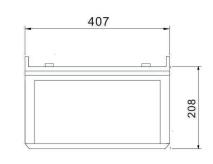


NC15150 15/ 150AH

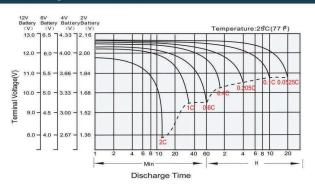
AGM GP SERIES - VRLA BATTERY

Dimensions

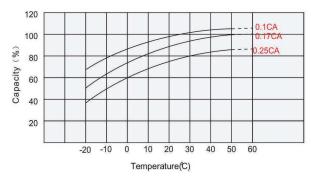




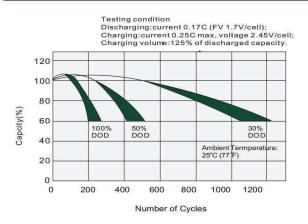
Discharge Characteristics

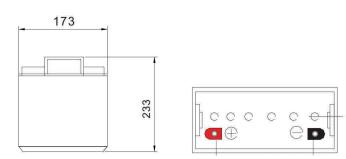




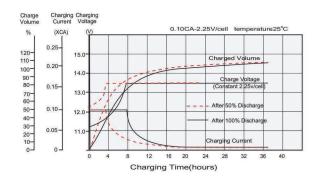


Cycle Life in Relation to Depth of Discharge

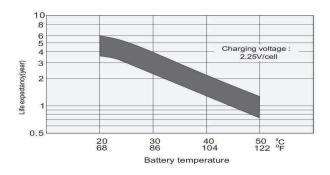




Float Charging Characteristics



Effect of Temperature on Long Term Float Life



Self Discharge Characteristics

