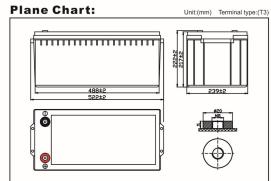
MODEL: MS200-12

Product Code: VRLA-12200001

















ISO9001 ISO140001 OHSAS18001

Characteristic:

- 1.100% testing before out of factory, stable and reliable quality is quaranteed.
- 2. Professional alloy formula and advanced manufacturing techniques.
- $3. Completely \ sealed \ and \ maintainance \ free, \ low \ self-discharge.$
- 4. Good charge-discharge acceptability.
- $5. Cyclic \ application: deep \ cycle \ charge-dischrge \ for \ more \ than \ 260 \ times.$
- 6. Floating application: for 3-5 years.

Application:

Anti-theft system Medical facilities
Radio transceiver UPS for banking system
Power system Computer backup power

Railroad engine and railway communication

Emergency lighting and lamps Marine system

Electric tools UPS for fire fighting system

Electronic instruments and other backup power Toys

Parts:

Executed Standard:GB/T 19638.2-2005

Cover	Container Bottom	Terminal	Positive Plate	Negative Plate	Separator	Electrolyte	Safty Valve	Seal Glue
ABS	ABS	Copper	PbO ₂	Pb	AGM	dilute sulphuric acid	Rubber	Epoxy Resin

Packing

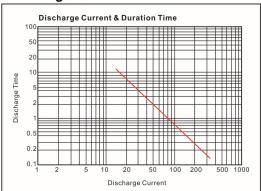
Date	Batte	ry Packing	Inner Packing		Outer Packing	
1) Printing	1	Polybag Paper Box		,	Carton Packing	
2 Branded	2	Shrink	Рарег вох		Carton Facking	
Carton Seali	ng	Accessories				
1) Packing Str	ap	Bolt	s&nuts	Mini Charger		
2 Shrink		١	Vith Optional			

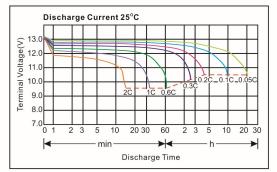
Parameter Chart:

Vol	ts		12V				
			10 hours rate ((20A)	200Ah		
Capacity	(25°C)		1 hours rate (110A)				
			3 hours rate (5	150Ah			
Internal Re	esistance		Full Charged Batt	2.5mΩ			
			40°C		104%		
Capacity and By Temp			100%				
(20 hour			83%				
			-15°C	65%			
		Ca	91%				
Residual Cap	acity (25°C)	Capacity After 6 Months Storage			82%		
		Ca	pacity After 12 Mor	65%			
Charge (Constant Voltage) Cycle (25°C)			Initial Charging Current Less Th Voltage 14.5~14.9V				
Float Service L	ife(Above 5 Ye	ears)	Float Charge Voltage 13.6~13.8 (25°				
	Weight (Ap	prox)	60.2Kg				

[★]The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

Discharge Curve





Constant Current Discharge Characteristics (A, 25°C)									
F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
9.60V	366.3	207.9	128.7	72.4	54.5	37.8	24.1	20.2	10.3
10.2V	351.5	200.0	123.8	71.3	53.0	36.6	23.9	20.1	10.2
10.5V	344.5	195.0	120.8	70.7	52.6	36.3	23.8	20.0	10.1
10.8V	333.6	190.1	117.8	69.8	51.9	35.9	23.5	20.0	10.1

Constant Current Discharge Characteristics (Watt, 25°C)									
F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
9.60V	4022.4	2332.4	1467.2	837.5	632.6	439.6	285.1	239.6	122.8
10.2V	3861.0	2239.4	1410.8	824.7	622.7	432.6	283.1	237.6	121.8
10.5V	3782.8	2187.9	1376.1	817.7	617.8	428.7	282.2	237.6	120.8
10.8V	3668.0	2127.5	1338.5	807.8	610.8	424.7	278.2	237.6	120.8

Loading Info

	Master Carton			Pallet	20 GP		
Pcs/Ctn	Size(mm) N.W.(kg)		Size(mm)	Total CTNS	N.W.(T)	Pallet Qty	Battery Qty(pcs)