



VRLA Rechargeable Battery

YOUR BEST POWER SOURCE SOLUTIONS

FEATURE

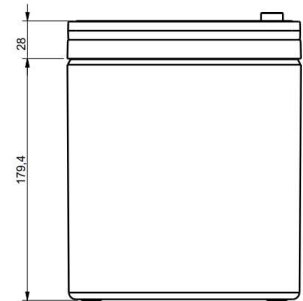
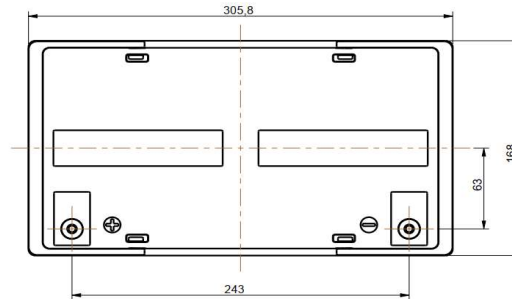
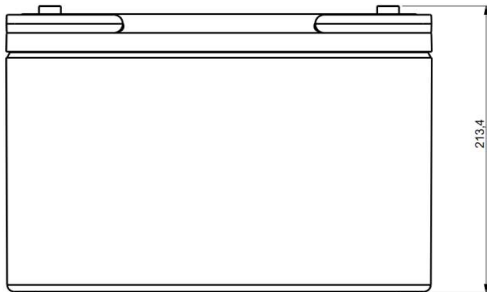
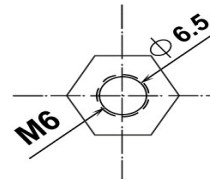
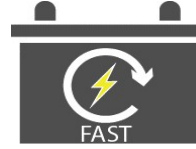
- VRLA AGM design
- Specially designed for efficient discharges in cyclical applications
- Faster Recharge Times
- Extended Life

AJC-RVMA-90

SPECIFICATION

Cell per unit	6
Nominal Voltage (V)	12
Nominal Capacity (Ah)	90Ah @ 10hour rate F.V(1.75/cell)
Weight	Approx.30 kg
Internal Resistance (1KHz)	<6mΩ
Max Discharge Current (5s)	900A (5s)
Battery design Life :	10 – 12 years(standby)
Terminal Type	IT
Container Material	ABS(Option : 94-HB & 94V-0)

DIMENSIONS	Length	Width	Height	Total Height
Unit: mm	305±3	168±2	208±3	230±3



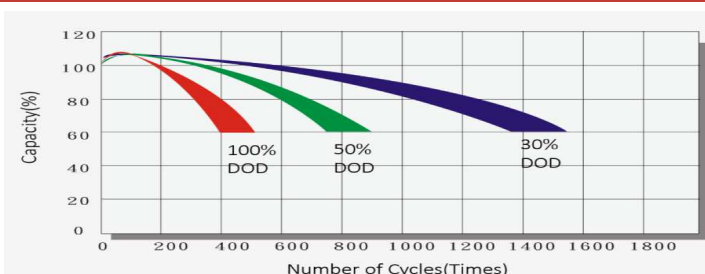
Constant current discharge characteristics Unit:A(25°C 77°F)

F.V/Time	10MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	329.00	180.00	111.70	68.70	33.80	28.20	16.90	11.20	9.47	4.91
1.75V	270.20	168.40	108.10	65.80	30.60	27.10	15.50	10.70	9.09	4.73

Constant power discharge characteristics Unit:W(25°C 77°F)

F.V/Time	10MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	3600.0	2130.0	1300.0	811.8	384.6	296.40	220.80	151.70	124.77	71.29
1.75V	2900.0	1851.6	1170.9	770.6	352.8	271.20	210.50	146.00	119.71	69.18

Cycle Service Life



CHARGING METHODS

Cycle Use	Initial charging current: less than 0.2C Voltage:14.10 V ~ 14.50 V at 25°C (77 °F) Charging time:8h-12h
Floating Use	Initial charging current: less than 0.2C Voltage:13.50 V at 25°C (77 °F)