



VRLA Rechargeable Battery

YOUR BEST POWER SOURCE SOLUTIONS

FEATURE

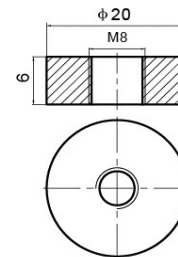
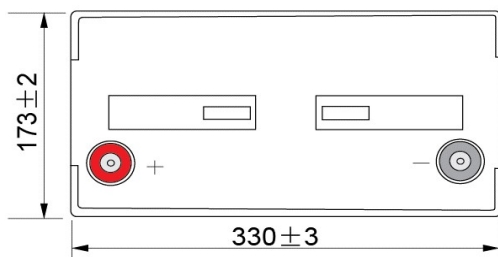
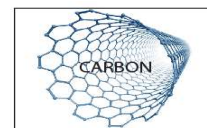
- VRLA AGM design
- Specially designed for efficient discharges in cyclical applications
- Faster Recharge Times
- Extended Life

AJC-RVMA-105

SPECIFICATION

Cell per unit	6
Nominal Voltage (V)	12
Nominal Capacity (Ah)	105Ah @ 20hour rate F.V(1.75/cell)
Weight	Approx 31.kg
Internal Resistance (1KHz)	<5mΩ
Max Discharge Current (5s)	1000A (5s)
Battery design Life :	10 – 12 years(standby)
Terminal Type	IT(M8)
Container Material	ABS(Option : 94-HB & 94V-0)

DIMENSIONS	Length	Width	Height	Total Height
Unit: mm	330±3	174±2	212±2	220±2



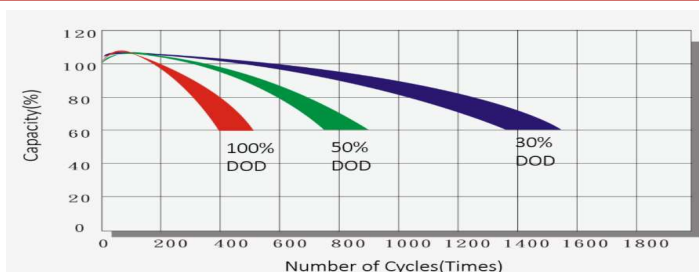
Constant current discharge characteristics Unit:A(25°C/77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR
1.60V	380	266	201	125	74	39.00	27.55	19.45	12.87	10.64
1.75V	309	224	164	115	65	32.92	25.12	18.34	12.36	10.13

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

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR
1.60V	656.79	455.4	387.6	240.9	147.1	78.09	57.68	36.33	25.10	22.10
1.75V	555.25	401.8	349.1	227.7	133.2	72.86	52.46	34.71	24.29	20.24

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)