

JYHY212000 (2V1200Ah)

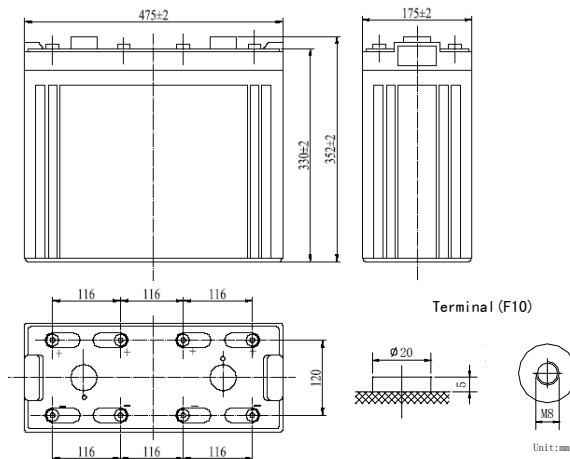
GENERAL FEATURES

- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte for air transport-complies with LATA/ICAO Special provision A67.
- Not restricted for air transport-complies with LATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications,
- Maintenance-free operation.
- Low self discharge.
- Case and cover available in both standard and flame retardant ABS.

SPECIFICATION

Nominal voltage	2V	Dimensions	Total Height	14.45inches(367mm)
Rated capacity (10 hour rate)	1200Ah		Height	13.0inches(330mm)
Number of cell	1		Length	18.7inches(475mm)
Approx. Weight (Kg / lbs)	71/156.5		Width	6.89inches(175mm)

Battery Dimensions



Total height with removeable cover: 367

Constant power discharge ratings-watts per cell at 25°C(77° F)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V		3409	2784	2075	1564	1281	828	600	414
1.65V		3212	2633	1970	1493	1227	807	583	407
1.70V		3013	2482	1864	1418	1170	791	572	400
1.75V		2814	2328	1756	1341	1112	777	561	392
1.80V		2617	2174	1647	1264	1052	760	547	385

Characteristic

Capacity 77° F(25°C)	20 hour rate (64A, 1.75V)	1280Ah
	10 hour rate (120A, 1.75V)	1200Ah
	5 hour rate (208A, 1.75V)	1040Ah
	3 hour rate (305A, 1.70V)	915Ah
	1 hour rate (735A, 1.60V)	735Ah
	1C (1200A, 1.60V)	32min
Internal Resistance	Full charged Battery 77° F (25°C) : 0.8mΩ	
Capacity affected by Temperature (20 hour rate)	104° F(40°C)	102%
	77° F(25°C)	100%
	32° F(10°C)	85%
	5° F(-15°C)	65%
Self-Discharge 68° F(20°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12month storage	60%
Max. discharge current 77° F(25°C) : 2000A(5S)		
Charge (Constant Voltage)	Float: 2.25~2.30 V/77° F/(25°C)	
	Cycle: 2.35~2.45 V/77° F/(25°C) Max. Current: 240A	

