

JYHY25000_(2V500Ah)

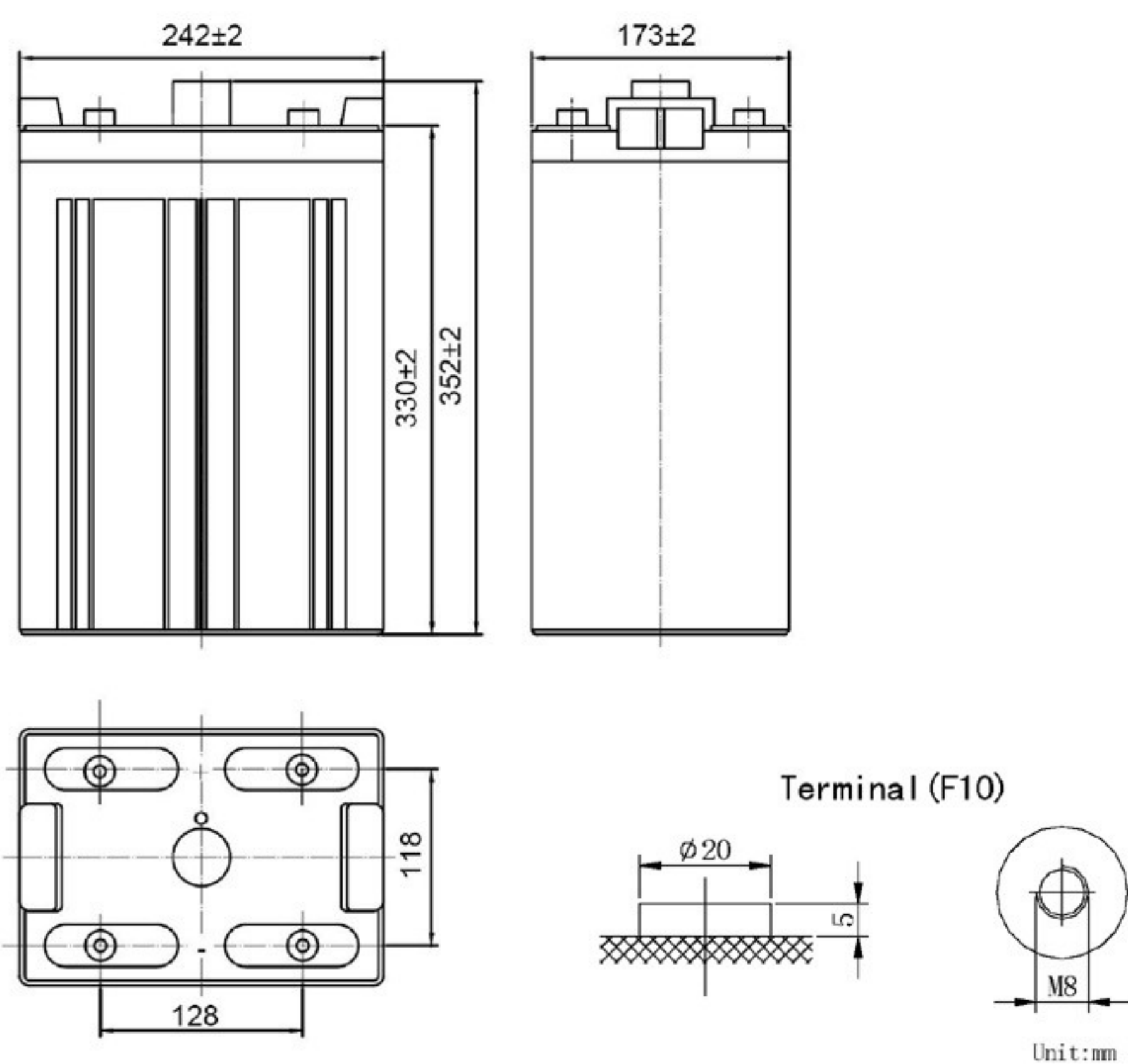
GENERAL FEATURES

- 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	14.4inches(365mm)
Rated capacity (10 hour rate)	500Ah		Height	13.0inches(330mm)
Number of cell	1		Length	9.53inches(242mm)
Approx. Weight (Kg / lbs)	32/70.5		Width	6.81inches(173mm)

Battery Dimensions



Total height with removeable cover:365

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		1546	1156	930	771	625	378	270	167
1.65V		1457	1094	883	736	599	361	260	164
1.70V		1366	1030	836	699	572	345	247	161
1.75V		1276	967	787	661	543	330	236	157
1.80V		1187	903	738	623	514	304	217	149

Characteristic

Capacity 77° F(25°C)	20 hour rate (26A、1.75V)	520Ah
	10 hour rate (50A、1.75V)	500Ah
	5 hour rate (86A、1.75V)	430Ah
	3 hour rate (126A、1.70V)	378Ah
	1 hour rate (305A、1.60V)	305Ah
	1C (500A、1.60V)	34min
Internal Resistance	Full charged Battery77° F(25°C) : 1m Ω	
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 current77° 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: 100A	

