

# UNL2000-2 (2V2000Ah)



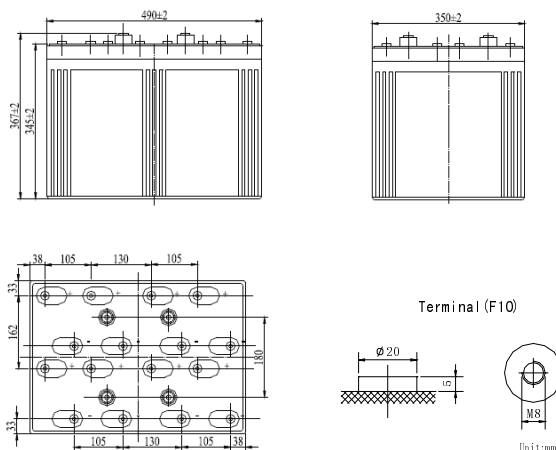
## GENERAL FEATURES

- 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	15.04inches(382mm)
Rated capacity (10 hour rate)	2000Ah		Height	13.58inches(345mm)
Number of cell	1		Length	19.29inches(490mm)
Approx. Weight (Kg / lbs)	119/262.3		Width	13.78inches(350mm)

### Battery Dimensions



Total height with removable cover: 382

### 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		5754	4654	3543	2673	2206	1488	1018	706
1.65V		5422	4404	3365	2551	2130	1431	1001	701
1.70V		5084	4152	3185	2422	2052	1368	987	692
1.75V		4750	3892	3000	2290	2023	1338	966	678
1.80V		4416	3636	2812	2160	1908	1274	904	663

### Characteristic

Capacity 77° F (25°C)	20 hour rate (105A、1.75V)	2100Ah
	10 hour rate (200A、1.75V)	2000Ah
	5 hour rate (350A、1.75V)	1750Ah
	3 hour rate (510A、1.70V)	1530Ah
	1 hour rate (1250A、1.60V)	1250Ah
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 12 month 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: 400A	

