

UN200-12EX (12V200Ah)

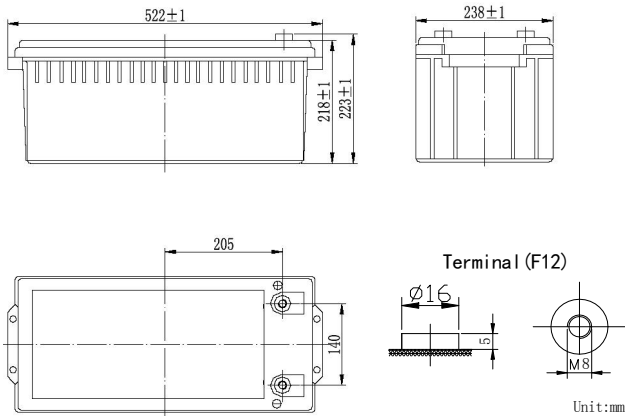
GENERAL FEATURES

- 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	12V	Dimensions	Total Height	8.78inches(223mm)
Rated capacity (20 hour rate)	200Ah		Height	8.58inches(218mm)
Number of cell	6		Length	20.6inches(522mm)
Approx. Weight (Kg / Ibs)	58.5/128.9		Width	9.37inches(238mm)

Battery Dimensions



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		700	566	374	268	248	137	97.4	70.3
1.65V		666	547	360	262	243	134	96.1	69.7
1.70V		631	530	347	257	238	131	94.8	69.1
1.75V		594	512	332	252	233	128	93.4	68.6
1.80V		564	482	319	247	228	124	92.4	68.1

Characteristic

Capacity 77° F (25°C)	20 hour rate (10A、10.5V)	200Ah
	10 hour rate (19A、10.5V)	190Ah
	5 hour rate (34A、10.5V)	170Ah
	3 hour rate (50 A、9.6V)	150Ah
	1 hour rate (120 A、9.6V)	120Ah
	1C (200A、9.6V)	30min
Internal Resistance	Full charged Battery 77° F (25°C) : 4m 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 current 77° F (25°C) : 1000A (5S)		
Charge (Constant Voltage)	Float: 13.6~13.8 V/77° F/(25°C)	
	Cycle: 14.5~14.9 V/77° F/(25°C) Max. Current: 50A	

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