

UN150-12EX (12V150Ah)

GENERAL FEATURES

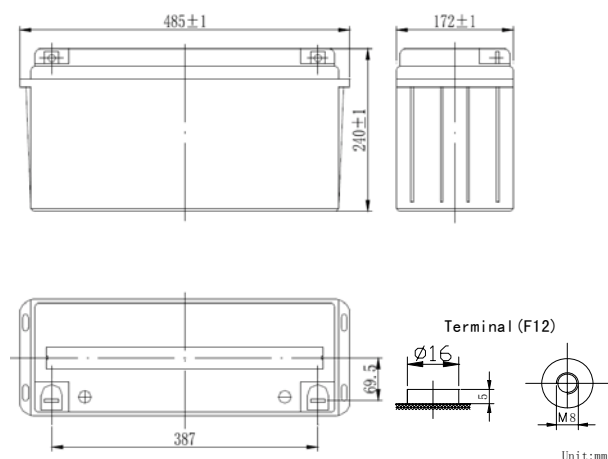
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte for air transport-complies with LATA/ICAO Special provision A67.
- Not restricted for air transport-complies with LATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted 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	9.45inches(240mm)
Rated capacity (20 hour rate)	150Ah		Height	9.45inches(240mm)
Number of cell	6		Length	19.1inches(485mm)
Approx. Weight (Kg / lbs)	42.5/93.7		Width	6.77inches(172mm)

Battery Dimensions



Characteristic

Capacity 77° F (25°C)	20 hour rate (7.5A、10.5V)	150Ah
	10 hour rate (14.5A、10.5V)	145Ah
	5 hour rate (25.5A、10.5V)	128Ah
	3 hour rate (37.5 A、9.6V)	113Ah
	1 hour rate (90 A、9.6V)	90Ah
	1C (150A、9.6V)	32min
Internal Resistance	Full charged Battery 77° F (25°C) : 4. 5m 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) : 950A (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: 37.5A	

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	738	588	483	314	214	195	109	75. 7	51. 9
1. 65V	708	559	466	304	210	192	107	74. 8	51. 6
1. 70V	662	529	449	295	205	189	105	73. 9	51. 2
1. 75V	616	501	430	286	200	184	103	73. 0	50. 9
1. 80V	567	470	410	276	196	178	102	71. 8	50. 4

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