

EnerRocket[®]

CONTINUOUSLY SAFEGUARDING



APPLICATIONS

- UPS Systems
- Telecommunication Systems
- Fire Alarm Safety & Security Systems
- Medical Equipment

COMPLIANCE STANDARDS

- IEC 60896 PART 21 & 22
- BS6290-4

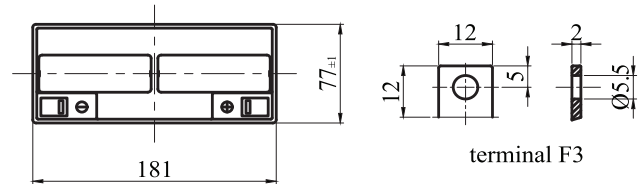
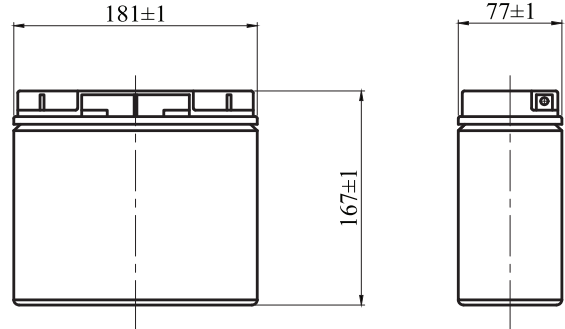
TECHNICAL FEATURES



- Non-Spillable Sealed Construction
- Seal Lead Acid Battery
- Absorbent Glass Mat System (AGM System)
- ABS (Acrylonitrile Butadiene Styrene) construction (FR optional)
- Gas Recombination
- Venting System for low internal pressure
- Low Self-Discharge
- Heavy-Duty, Highly Optimized Grids
- High Power Output
- Wide Operating Temperature
- Maintenance-Free Operation

CHARACTERISTICS

Nominal Voltage	12 V	
Design Life	10 Years	
Capacity 25°C (77°F)	20 Hour rate	17Ah
	10 Hour rate	16.8Ah
	5 Hour rate	15.05Ah
Internal Resistance (25°C, 100% Charge)	≤ 14 mΩ	
Self Discharge (20°C)	1 nth	Remaining Capacity 97%
Operating Temperature	Discharge	-20°C - 60°C
	Charge	-10°C - 60°C
	Storage	-20°C - 60°C
Normal Operating Temperature	25°C ± 3°C	
Maximum Discharge current	225A (5sec)	
Maximum Charging current	6.8A	
Short Circuit Current	850A	
Charge Methods Constant Voltage Charge 77°F (25°C) - Cycle use	14.4 to 14.7V	
	Temp. Compensation -30mV/°C	
Charge methods Constant Voltage Charge 77°F (25°C) - Standby Use	13.4 to 13.8V	
	Temp. Compensation -20mV/°C	



SPECIFICATIONS

Length	Width	Height	Total Height	Weight (kg)
181 mm	77 mm	167 mm	167 mm	5.5 ± 5%

CONSTANT CURRENT DISCHARGE (Amperes) AT 25°C

End Voltage Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60	67.0	45.1	34.3	20.2	12.0	4.65	3.10	1.70	0.89
1.65	64.6	44.0	33.5	19.8	11.8	4.57	3.05	1.68	0.88
1.70	62.2	42.9	32.6	19.3	11.6	4.49	3.00	1.65	0.87
1.75	59.8	41.7	31.8	18.9	11.3	4.40	2.94	1.63	0.85
1.80	57.4	40.6	30.9	18.4	11.1	4.32	2.89	1.60	0.84

CONSTANT POWER DISCHARGE (Watts) AT 25°C

End Voltage Volts/Cell	5min	10min	15min	20min	30min	1h	3h	5h	10h	20h
1.60V	117	98.0	61.0	46.08	36.0	22.0	4.65	3.10	1.70	0.89
1.65V	113	77.4	59.8	45.27	35.5	21.8	4.57	3.05	1.68	0.88
1.70V	110	75.8	58.5	44.41	35.0	21.5	4.49	3.00	1.65	0.87
1.75V	106	74.1	57.3	43.61	34.5	21.3	4.40	2.94	1.63	0.85
1.80V	102	72.5	56.0	42.75	34.0	21.0	4.32	2.89	1.60	0.84

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