

Application/Use

Category	SLA
Application	Standby
Warranty:	12



Specs & Dimensions

Cells Per Unit	6
Voltage Per Unit	12
Nominal Capacity	18Ah@20hour-rate to 1.75V per cell @25°C
Weight	Approx. 5.00 Kg (Tolerance±5.0%)
Internal Resistance	Approx. 16 mΩ
Terminal	F3(M5)/F13(M5)
Max. Discharge Current	180A (5 sec)
Short Circuit Current	750A
Design Life	6~8 years (Float charging)
Max. Charging Current	5.4 A
Reference Capacity	C3 13.9AH C5 15.7AH C10 16.8AH C20 18.0AH
Standby Use Voltage	13.7 V~13.9 V @ 25°C Temperature Compensation: -3mV/°C/ Cell
Cycle Use Voltage	14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°CCELL
Operating Temperature Range	Discharge: -20°C~ 60°C charge: 0°C~ 50°C storage: -20°C~ 60°C
Normal Operating Temperature Range	25°C± 5°C
Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C. Please charge batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

Constant Current Discharge Characteristics : A (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	68.29	48.27	34.89	20.04	11.00	6.752	5.076	4.098	3.395	2.185	1.775	0.937
1.65V	63.51	45.61	33.36	19.24	10.62	6.537	4.919	3.987	3.307	2.161	1.753	0.922
1.70V	57.30	41.99	31.24	18.39	10.27	6.321	4.786	3.879	3.221	2.127	1.727	0.911
1.75V	51.34	38.43	29.07	17.58	9.899	6.101	4.643	3.779	3.140	2.098	1.704	0.900
1.80V	45.08	34.79	26.85	16.80	9.521	5.882	4.499	3.671	3.059	2.062	1.682	0.891
1.85V	35.78	28.43	22.28	14.47	8.539	5.390	4.159	3.412	2.853	1.936	1.584	0.846

Constant Power Discharge Characteristics : WPC (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	113.2	82.04	61.00	36.40	20.67	12.80	9.695	7.868	6.545	4.268	3.489	1.845
1.65V	106.5	79.02	59.18	35.31	20.07	12.45	9.435	7.683	6.399	4.229	3.451	1.819
1.70V	98.27	74.08	56.26	34.09	19.54	12.11	9.220	7.503	6.254	4.173	3.404	1.799
1.75V	90.00	69.04	53.11	32.92	18.94	11.74	8.983	7.338	6.118	4.123	3.363	1.779
1.80V	80.71	63.58	49.73	31.78	18.32	11.37	8.739	7.153	5.981	4.062	3.324	1.764
1.85V	65.41	52.89	41.86	27.64	16.53	10.48	8.115	6.674	5.596	3.823	3.134	1.677

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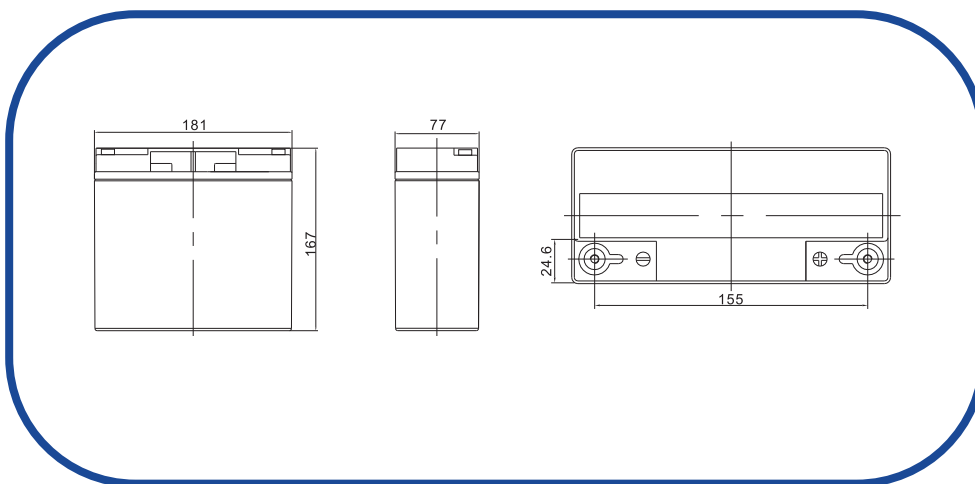
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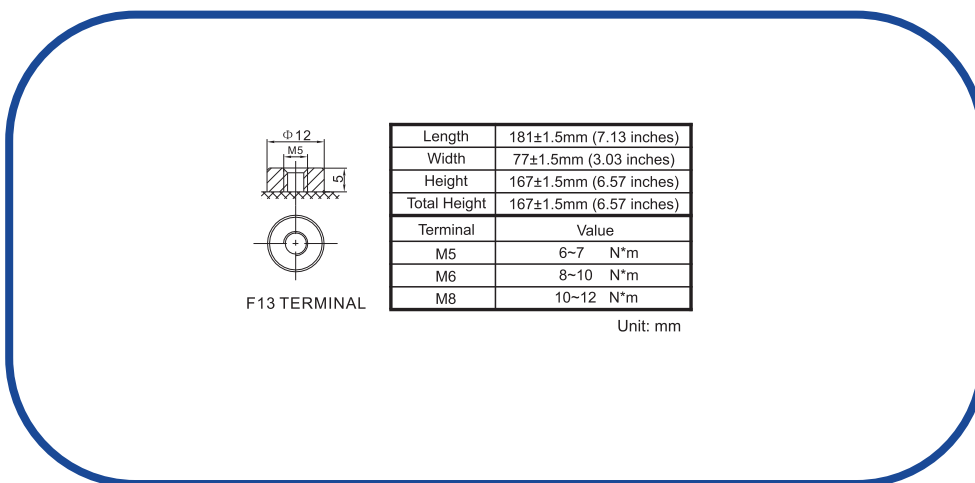
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Dimensions



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