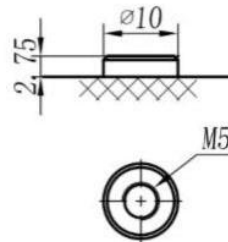


Terminal

Unit:mm

Terminal Type: I10

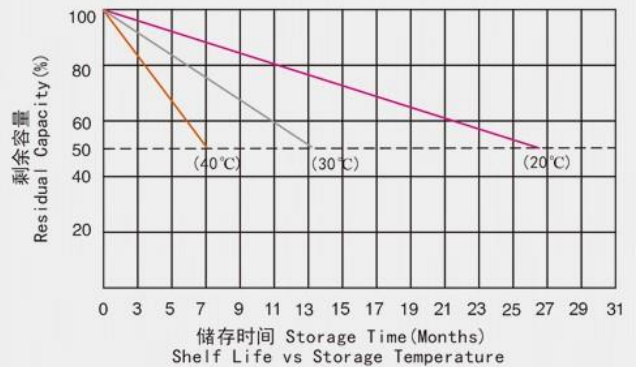
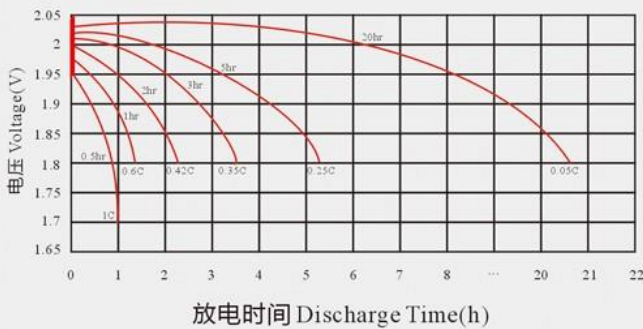
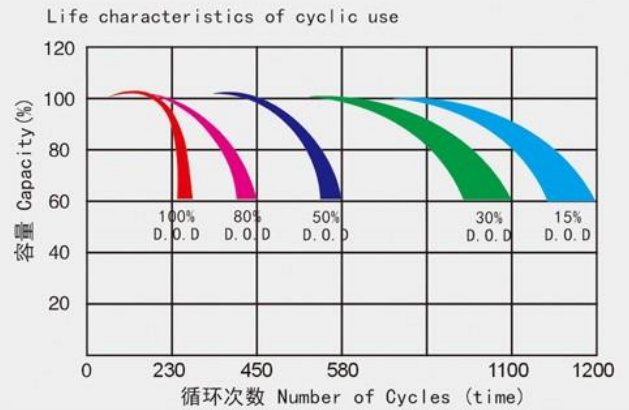
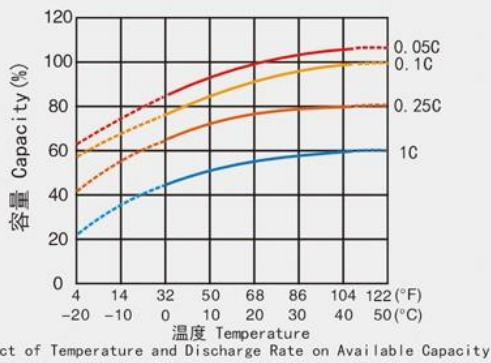
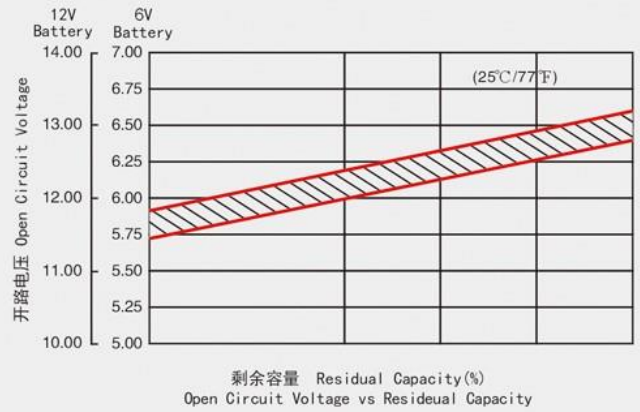
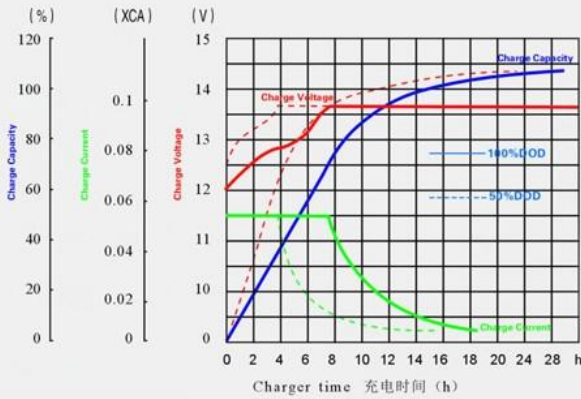
I10



Specification

Battery Model	6-FM-20 (12V20AH)		
Nominal Voltage	12V	Rated Capacity	20Ah (20hour rate) to 10.80V/cell @25°C(77°F)
Typical Weight	5. 3kg	Internal Resistance	Approx 12mΩ
Operating Temperature Range	Operation(maximum) :		-40°C to 55°C(-40°F to 131°F)
	Operation(recommended) :		15°C to 25°C(59°F to 77°F)
	Storage :		-20°C to 40°C(-4°F to 104°F)
Float Voltage	13. 5--13. 8V/cell@25°C(77°F)		
Charge Current	2. 0A(Recommendation) 4. 0A(Maxmum)		
Equalize and Cycle Service	14.6V~14. 8.V/cell@25°C(77°F)		
Self Discharge	The residual capacity is above 94% after 90 days storage(25°C/77°F)		
Terminal	M5&NUT		
Terminal Hardware Torque	M5	6---7 ± 1.0Nm	
	M6	8---10 ± 1.0Nm	
	M8	10---15 ± 1.0Nm	
Container Material	ABS (V0 optional)		

Performance Curve



Discharge Data

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60	77.0	49.0	39.00	23.00	13.10	7.21	5.18	3.55	2.31	1.88	1.02
9.90	74.7	47.5	38.03	22.43	12.77	7.17	5.15	3.54	2.31	1.88	1.02
10.2	73.2	46.6	37.44	22.08	12.58	7.10	5.10	3.50	2.29	1.86	1.01
10.5	70.8	45.1	36.27	21.39	12.18	7.03	5.05	3.47	2.30	1.86	1.00
10.8	68.8	43.8	35.57	20.98	11.95	6.96	5.00	3.43	2.28	1.85	1.00

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60	859	553	445	263.6	151.7	84.3	61.5	42.4	27.73	22.53	12.18
9.90	834	536	433	257.0	147.9	83.9	61.2	42.2	27.76	22.56	12.19
10.2	816	525	427	253.0	145.6	83.1	60.6	41.8	27.49	22.33	12.07
10.5	791	509	413	245.1	141.1	82.2	60.0	41.4	27.60	22.27	12.04
10.8	767	494	405	240.4	138.3	81.4	59.4	41.0	27.32	22.20	12.00

Note:

The above data are only taken as reference instead of inspection standard. Additional notification won't be available for parameter change due to improvement and regulation of product. Inspection shall be performed in accordance with standards.

We must make a statement, when the battery service life and safe operating performance is confirmed, the test condition will be stricter; accordingly, the battery shall not be used in these conditions, because it's difficult for battery to reach expected service life.