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High Drain Rechargeable Battery Datasheet Of KeepPower IMR26650 5200mAh

1. Specification

1.1	Rated Charge(1C)	3.5A CC charge to 4.2V, then 4.2V CV charge until current less than 50mA at 23±2°C.
1.2	Recommended charge	Reference 1A
1.3	Rated discharge(0.2C)	Constant 0.7 A discharge until 2.5V at 23±2°C.
1.4	Discharge cut-off voltage	2.5V (End of discharge voltage after recommended charge).
1.5	Rated capacity	5200mAh (Rated discharge (0.2C) capacity after recommended charge.)
1.6	Minimum capacity	5100mAh (Rated discharge (1C) capacity after recommended charge.)
1.7	Nominal voltage	3.7V
1.8	Voltage of leave factory	3.8V - 3.9V (Approximate state of charge = 50~80%)
1.9	Internal resistance of leave factory	<25mΩ (By resistance meter with AC 1 kHz.)
1.10	Maximum charge voltage	4.2±0.05V(Acceptable maximum voltage)
1.11	Charging time	Rated charge : 120min Reference 1a
1.12	Operating temperature	Charging : 0 ~ 45°C Discharging : -20 ~ 60°C
1.13	Storage temperature	1 year : -20 ~ 25°C 3 months : -30 ~ 45°C
1.14	Maximum continuous charging current	6A(Acceptable maximal continuous charging current)
1.15	Dimension	(D)26.20*(H)66.40mm
1.16	Weight	92.0±1.0g

2. Pictures



3. Discharge Curve

