

Features

- High capacity
- Long Service Life
- Reliable
- Tested and approved to IEC62133/ un38.3 /UL /ROHS
- Reach report
- Safety

RS PRO Specialty Size Batteries

RS Stock No.: 0196922



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

RS Rechargeable cylindrical Lithium-ion PIPE battery using the latest technology. Long Service Life-Depending upon application up to 1000 charge/discharge cycles can be expected. The rechargeable Lithium-ion batteries are an excellent to use for applications when stability and safety is more important to you than battery capacity. Providing a reliable and safety power source, a wider range of temperature reliability, low discharge rate and amazing overcharge and plus their design is space saving.

General Specifications

Chemistry	Rechargeable Lithium-ion
Number Of Cells	1
Terminal Type	Pipe
Size	18650
Cycle Life At 80%	1000 times
Charge Frequency During Storage	6 months
Application	Torch, Various battery pack, Vehicle's battery pack

Electrical Specifications

Nominal Voltage	3.70V
Capacity	2000mAh
Maximum Charge Voltage	4.20V
Standard Charge	CC/CV,0.2C5A,4.20V
Standard Discharge	CC,0.2C5A, 3.00V
Quick Charge Current	2000mA (1.0C ₅ rate)
Quick Discharge Current	20000mA (10.0C ₅ rate)
Charging time	8 Hours (Standard Charge)
Operating Voltage	4.20V~3.0V
Cut-Off Voltage	3.00V
Energy	7.40Wh

Mechanical Specifications

Diameter	Ø18.5-0.7mm
Height	65.2-0.6mm
Weight	42g
Relative Humidity	65%

Operation Environment Specifications

Charge Temperature Range	0°C to 45°C	
Discharge Temperature Range	-20°C to 60°C	
Storage Temperature Range	1 Year	-20~25°C
	3 months	-20~45°C
	1 month	-20~60°C

Approvals

Compliance/Certifications	UL1642 IEC62133 UN38.3
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