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What is a cylindrical lithium-ion battery?
For individual customer inquiries,please contact the support services for the equipment in use. A cylindrical lithium-ion battery is a type of lithium-ion battery with a cylindrical shape using a metal can as its packaging material.

What is a cylinder type lithium ion secondary battery?
Cylindrical Type Lithium Ion Secondary Batteries are packaged in metal cans. These batteries can be used at high rate and maintain high capacity. If you cannot find the model number,post to the Contact Form.

Which electric vehicles use cylindrical cells?
Teslaparticularly uses Cylindrical cells in their Electric Vehicles. As per recent announcement Tesla is moving to 4680 from 21700 and the older 18650. Rivian and Lucid Motors are also using cylindrical cells 21700 in their vehicle models (R1T,R1S and AIR Dream,Air GT respectively).

Does a Lucid Motors battery have a base cooled or side cooled design?
If we listen to Peter Rawlinson's description of the Lucid Motors battery design he points out that the base cooling designgives a more consistent thermal connection to the cell. In the end though this probably comes down to the package dimensions and whether you can fit a slightly taller base cooled design or a wider/longer side cooled design.

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Cylindrical lithium-ion cells are usually represented by five digits. Starting from the left, the first and second digits refer to the diameter of the battery, the third and fourth digits refer to the ...

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The battery pack in the Lucid Air Dream is 188kWh and uses 6600 cylindrical cells in the 21700 format. Using a very similar design approach to the Tesla Model 3.

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