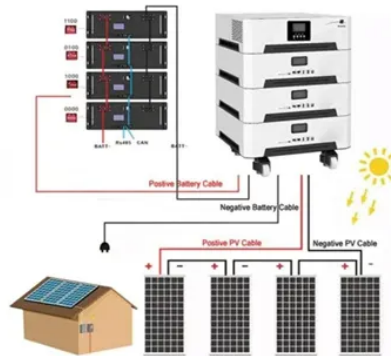




Single cylindrical lithium battery cell



Overview

The cans for the 18650 and 21700 are made from nickel plated steel and deep drawn in a two-stage process. The result is the base of the can is thicker than the cylindrical side wall.

1. 18650
 - 1.1. Base thickness $\sim 0.3\text{mm}$
 - 1.2. Wall thickness ~ 0.22 to 0.28mm
2. 21700
 - 2.1. Base thickness ~ 0.3 . Cylindrical cells are used in numerous applications and cooling varies from passive through to immersed dielectric cooling. The diameter, length and connection of the. Cylindrical cells are designed with a number of safety features including a defined vent path/weakness. The capacity is relatively small and.



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