

Lithium-ion 18650 Battery Holders

MPD is proud to announce its new line of lithium-ion battery holders, for 18650 batteries with built-in protection circuits. These holders accept from one to four 18650s, and are suitable for both consumer and industrial products. First on the market is part number BK-18650-PC2, which accepts one 18650 rechargeable lithium-ion battery with a built-in protection circuit. Upcoming releases are planned for part numbers BK-18650-PC4, BK-18650-PC6 and BK-18650-PC8 for two, three, and four cells respectively.



MPD part number BK-18650-PC2

Built-in protection circuits eliminate the drawbacks associated with standard lithium-ion 18650 batteries. Typically, standard 18650 cells are only supplied to manufacturers of battery packs because of concerns that batteries could overcharge or over-discharge, potentially causing burns, or even an explosion or fire. Thus, many device manufacturers choose to use 18650 cells with built-in protection circuits, which are already available from several well-known companies.

MPD's lithium-ion holders have large, nickel-plated stainless steel pressure contacts with through hole pins that are 1.5 mm wide. By having a low electrical resistance and keeping a tight connection with the cells, these contacts assure a long-term, trouble free connection for almost any application. The UL 94V-0 plastic body weighs little, but is extremely durable, giving a long service life under natural conditions found in electronic equipment.

