

ASP[®] FACTS

FEATURE: PCM Protection Circuit



ADVANTAGE:

18650 power cells are the industry standard for use in modern rechargeable devices. The battery is compact and dependable. It is used in a wide variety of electronic products. However, the concentration of energy provided by this Lithium-Ion cell also requires safeguards. The Protection Circuit Module (PCM) incorporated in all ASP 18650 power cells assures safe operation of this high energy power source. Each PCM is a miniature circuit board mounted controller. Through sophisticated electronics it guards against excessive charge or discharge rates that could damage the cell, damage the flashlight, cause a fire or result in an explosion.

SPECIFICATION:

- 18650 Lithium-Ion batteries
- Protection Circuit Module (PCM)
- Designed for high discharge flashlights

PERFORMANCE:

A Protection Circuit Module (PCM) allows safe operation of 18650 Lithium-Ion batteries in high discharge devices such as tactical LED flashlights. The circuit provides:

- Over charge protection
- Over discharge protection
- Over current protection
- Short circuit protection
- Interior resistance regulation
- Current consumption regulation

SALES STRATEGY:

Explain the safety benefits of using ASP 18650 PCM protected batteries.