

# Reliable and safe charging



## 4-level safety protections

A battery is not a toy and improper handling may have dire consequences. It is therefore important to have a manufacturer you can trust, who has much experience in the field and broad knowledge of battery safety.

### Over Power Protection

A battery can only handle a certain amount of current. To prevent the device from being damaged during charging, all our GP Portable PowerBanks has an over power protection that limits the charging current.

### Over Temperature Protection

When too much current is leading through the battery or under adverse conditions it may become overheated. This is why we installed an over temperature protection – to ensure that the battery operates under safe conditions and avoids all risks related to overheating.

### Over Voltage/

### Under Voltage Protection

A battery driven device can only handle a certain amount of voltage. Our GP Portable PowerBanks has been provided with a voltage protection that prevents battery damages caused by unexpected input or over-drain.

### Short Circuit Protection

When a short circuit occurs there becomes a rapid and excessive increase in current which can cause a lot of harm to both your device and charger. Therefore we have installed a protection to prevent damages caused by misuse or external short circuit.

### Shock Cushion

A fall may cause harm to the battery and therefore also your device. If you are unlucky it may even lead to the battery catching fire or exploding. We therefore installed a shock cushion on all our GP Portable PowerBanks, to reduce the impact of shocks.

