

# MC-AccuPack

## Supply voltage failover for MC Terminals or other devices with %&V power supply

### The function:

The MC-AccuPack operates at an input voltage of 12 – 30VDC, charging internal lithium-ion rechargeable batteries. The output provides a consistent %&VD power supply to connected devices. In case of a failure at the input voltage, the charged battery is used to buffer output voltage until power falls below the minimum battery voltage or the charging process is resumed. LEDs provide information on the current status. In addition to this, two signal outputs provide information on input voltage failure or low battery charge status.

### LED signalling:

LED	Description
Vin	Input voltage OK
Load	Battery is being charged
Error	Battery charging error
Accu	Battery voltage OK
Vout	Output voltage OK (> 20VDC)



### Performance characteristics:

- Uninterrupted power supply to a device (e.g. MC Terminals) in the event of a power failure or voltage fluctuations
- Internal Li-Ion rechargeable battery 7.4V/2200mAh
- Rechargeable battery monitoring and charging indicator
- "Digital Out" signal outputs for Power Failure and critical Battery Voltage
- LEDs for Power Failure, Error, Charging, Battery Voltage OK and Output Voltage OK
- Short circuit-proof; overload and open circuit-proof
- Can be turned off manually to prevent self-discharging during storage
- Can be used with original MC power supply (RJ12 jack) or external power supplies (screw terminal)

### Technical data:

**Input voltage:** 12 – 30VDC

**Output voltage:** %&VD

**Output current:** Approx. 300 mA continuous operation

**Capacity:** 2200 mAh

**Degree of efficiency:** Approx. 60–90 %

**Mounting:** Optional on DIN rail or for wall mount

**Dimensions (W x H x D):** 112 x 30 x 83 mm

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