



Buffer battery for
uninterruptible power
supply

PowerPack

Short-term UPS for IT systems

Safeguarding in case the on-board voltage network voltage malfunctions or fails

In the event of a voltage drop or total failure of the vehicle's on-board voltage network voltage, the PowerPack guarantees an uninterrupted power supply to the connected consumers within minutes. This way, the user can properly shut down a computer system operated on the PowerPack. This means that no information is lost from running operating systems and applications.

Intelligent charging control

PowerPack is connected between the consumer and the vehicle's on-board voltage network voltage. The PowerPack electronics automatically control and terminate the charging process as soon as the batteries' capacity falls below a set limit.

- » Buffers the interrupted on-board voltage network supply
- » Supports multiple devices
- » Protected from deep discharge
- » Integrated electronics regulate the charging process
- » Retrofittable
- » Optimised for confined spaces

KNDS

Key features



On-board network acc
to VG 96916



Environment acc.
MIL-STD-810



Extended
temperature range



IP65 protection

Technical data

Hardware variants

- / PowerPack in standard design
- / PowerPack with TREE interface
- / PowerPack with customer-specific interfaces
- / PowerPack with customer-specific design
- / PowerPack with customer-specific functions

Power

- / Charging power 50 W
- / Maximum power consumption 230 W
- / Maximum power output 8 A

Charging time

- / Maximum charging current limited to 2 A
- / Charges to 90 percent of capacity in approx. 3 hours
- / Charges to 100 percent capacity in approx. 12 hours

Buffer mode

- / 100 W output at 25 degrees Celsius for approx. 13 minutes after charging for 3 hours
- / 100 W output at 25 degrees Celsius for approx. 15 minutes after charging for 12 hours
- / 100 W output at -32 degrees Celsius for approx. 5 minutes after charging for 12 hours

Power in buffer mode

- / Buffer mode 14 VDC
- / Max. system output: 100 W at 8 A
- / Maximum electric current output, even if not fully charged

Battery type

- / Lead gel

Environment

- / Temperature shock, humidity, altitude, vibration, salt fog, shock according to MIL-STD-810
- / Extended temperature range
 - Operation -46°C to +63°C
 - Storage -46°C to +71°C
- / EMC according to MIL-STD-461
- / IP 65 protection
- / Vehicle electrical system according to VG 96916
- / CE conformity