



UniPower M

Your slide-in solution.



POWER WHEREVER YOU WANT

INTRODUCTION:

Based on our Unipower Series we evolved this series to the next step with a slider system and a customized self-finding plug concept. Moreover, a cluster management system is integrated, that several batteries can be controlled in one system.

UNIPOWER M:

- **VOLTAGE:** 12 V, 24 V, 36 V, 48 V
- **CAPACITY:** 29 Ah, 35 Ah or 40 Ah
- **ENERGY:** 1688 Wh
- **POWER:** up to 4000 W
- **DIMENSIONS:** 378 mm x 75 mm x 228 mm
- **WEIGHT:** 9,4 kg (21lbs)
- **SPECIALS:**
 - » Self finding plug-system integrated in frame
 - » Smart cluster manager integrated into plug
 - » Intelligent Battery-Management-System (BMS) with all safety functions
 - » CAN-Bus
 - » USB-Interface for service tool
 - » SOC (State of Charge) display
 - » 12 V for system demand (24 W)
 - » and many more options



YOUR SLIDE-IN SOLUTION.

CLUSTER MANAGEMENT (SCSM):

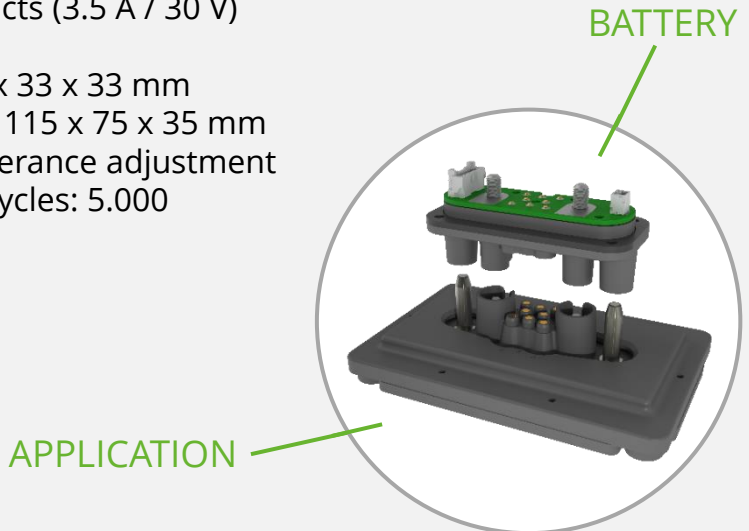
The Cluster Manager is an additional module which will manage the usage of more than one UniPower Battery in your application. This electronic modul can be implemented directly into the Smart Connector or anywhere else in your application.

- Two seperated CAN-lines
- Management of several batteries
- Adaption to customer, CAN-protocol possible
- Usage of different motor controlers (Heinzmann, Feo,..)

SMART CONNECTOR:

The Smart Connector is developed for the usage with the UniPower Slide-in. It is a self plug-in which is designed for the usage in battery applications (e-mobility, industrial...), and in particular for the combination with our cluster manager SCSM.

- 2 power contacts (80 A / 60 V)
- 8 signal contacts (3.5 A / 30 V)
- DIMENSIONS:
 - » battery: 72 x 33 x 33 mm
 - » application: 115 x 75 x 35 mm
- centering/ tolerance adjustment
- max mating cycles: 5.000
- IP 65



APPLICATIONS:



SBS PERFORMANCE:

- BATTERY SYSTEMS
- PRODUCTION
- DEVELOPMENT
- CELLS
- CONSTRUCTION
- CHARGER
- CONSULTING
- WORKFLOW



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