



UniPower Slin

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 SLIN:

- **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:** 378mm x 75mm x 228mm + connector height
- **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 servicetool
 - » SOC (State of Charge) display
 - » 12 V for system demand (24 W)
 - » and much more options



YOUR SLIDE-IN SOLUTION.

CLUSTER MANAGEMENT (SCSM):

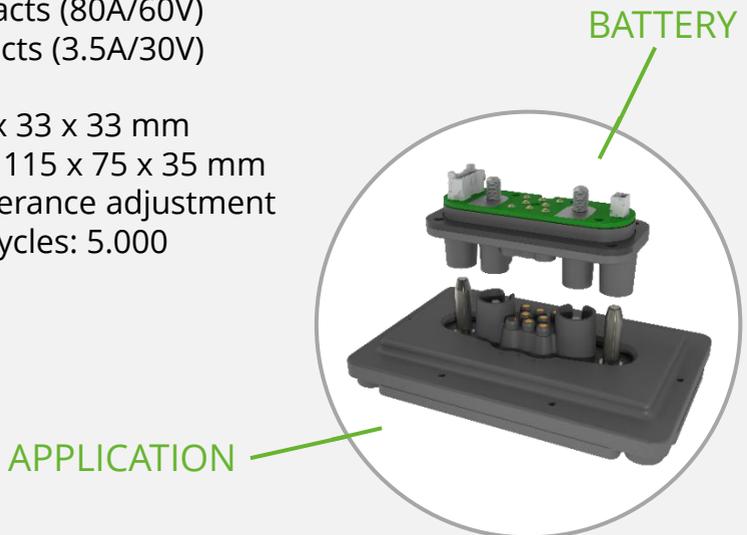
The Cluster Manger is an additional module which will manage the usage of more than one UniPower Battery in your application. This electronic modul can be implemented directly into the Smart Connector or anywhere else in your application.

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

SMART CONNECTOR:

The Smart Connector is developed for the usage with the UniPower Slide-in. It is a selfing plug which is designed for the usage in field of the battery application (e-mobility, industrie,...), and espacially for the combination with the Cluster Manager SCSM.

- 2 power contacts (80A/60V)
- 8 signal contacts (3.5A/30V)
- 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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