

## Uninterruptible Power Supply (UPS)

Shockproof rechargeable battery for the M=BUS data acquisition system.

- Battery and loop-through operation
- LEDs for power level and status
- Parallel charging and DAS operation
- Space saving installation of M=BUS Pro devices on top of the UPS
- Battery can be replaced by user



## TECHNICAL SPECIFICATIONS

Input voltage	12 V DC
Output voltage	22 V DC
Max. output power consumption	154 W
Short circuit protection	Yes
Dimensions (L x W x H)	170 mm x 140 mm x 120 mm
Weight	2,4 kg (without battery and mounting plate)
Operating temperature	0...50 °C
Runtime	> 15 min.
Shockproof	Up to 100 G @ 20 ms
Certified	CE according to 2014/30/EU Harmonized standards: EN 61326-1:2013
<b>External charger</b>	
Input Voltage	220 V – 240 V AC / 50 Hz – 60 Hz
Max. input power consumption	230 W
Max. output power consumption	12 V DC / max. 15 A DC
<b>Battery</b>	Lithium Powerbloc 5,5 AH - S
Capacity	5.5 Ah, 12 V Lightweight LiFePo-Technology
Weight	1,0 kg
Dimensions (L x W x H)	95 mm x 99 mm x 82 mm
Certified	UN 38.3
<b>Mounting plate</b>	
Dimensions (L x W x H)	170 mm x 220 mm x 12 mm
Weight	0,70 kg

- Scope of supply**
- M=BUS UPS 5500 (4ADC26)
  - Mounting plate and screws
  - Connection cable UPS to M=BUS device (0.3 m)
  - Quick Start Guide
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- Required for operation**
- UPS 5500 Battery LPB 5,5 AH-S (4ADC291)
  - UPS 5500 Charger (4ADC292)
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- Options**
- M=BUS Gateway (Ethernet)
  - M=BUS Pro Fire Box
  - M=BUS Pro Timer
  - Yearly maintenance service

**NOTE:** To operate the system **Uninterruptible Power Supply (UPS) 5500**, UPS 5500 Battery and UPS 5500 Charger is needed.

## PIN ASSIGNMENT

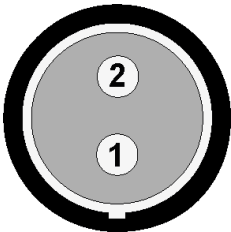


Figure 1: Pin assignment power input (socket view, device)  
 Use this plug: LEMO EGG.3B.302...

Pin	Description	Pin	Description
1	V +		
2	GND		
Socket housing connected to ground			

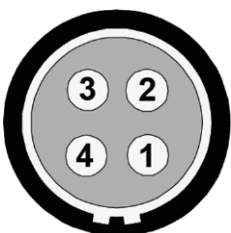


Figure 2: Pin assignment power output (socket view, device)  
 Use this plug: LEMO FGA.2B.304...

Pin	Description	Pin	Description
1	+22 V	3	N.C.
2	GND	4	N.C.
Socket housing connected to ground			