

 **Mobility Power Pack (MPP)**

Mobility Power Pack

The Mobility Power Pack (MPP) is a completely new designed li-ion battery. This li-ion battery with a weight of only 2,4kg is, among others, applied in caravans which are fitted with a mover. Not only a saving of weight (from around 25 kg to about 2,4 kg) is important, also the dimensions have been reduced to a mere fraction (1/3) by comparison to the former lead batteries. The Mobility Power Pack allows you to manoeuvre for about 12 minutes with your caravan weighing up to 1800 kg. The Mobility Power Pack because of its built-in charger can be charged in three different ways: via the 230V adapter, via the car or by using a solar panel. By contrast to the lead batteries, the Mobility Power Pack can, if fully charged, remain in the caravan all year without requiring additional charging. The Mobility Power Pack as the result of its unique design offers a high degree of safety, switches itself off after 15 minutes and is maintenance free and user friendly.



Technical *specifications* Mobility Power Pack

Specifications

Electrical specifications

Input voltage:	Power adapter: 12.0 Vdc, Faston connection: 11.0 to 21.0 Vdc
Input voltage:	Power adapter: 1.0 Adc, Faston connection: 5.0 Adc
Output voltage:	Nominal: 12.8 Vdc, Maximum: 14.4 Vdc
Maximun output current:	80 Adc (continuous), 140 Adc (2 seconds)
Capacity:	8.8 Ah, 113 Wh
Charge time (max.):	4 hours (from car), 16 hours (with power adapter)
Protected against:	overvoltage, short circuit, to low/high temperatures, to low/high voltages
Included power supply:	Input: 100 to 240Vac, 50-60Hz, 0.5Aac; Output: 12Vdc, 1Adc, 12W

Environmental specifications

Operating temperature (charge):	0 °C to +40 °C
Operating temperature (discharge):	-20 °C to +40 °C
Storage temperature:	-10 °C to +30 °C (Note: high temperatures shorten the battery lifetime)
Relative humidity:	max. 95%
IP rating:	IP21 (at vertical use)
Vibration and shock:	according to UN 38.3

Mechanical specifications

Battery type and chemistry:	Lithium-iron-phosphate (LiFePO4)
Cell configuration:	4S4P, Li-ion
Weight:	2,4 kgs
Dimensions:	109(H) x 181(W) x 192(L) mm

Safety specifications

General:	RoHS
CE:	Safety (LVD) en EMC
Automotive	ECE-R10
Transport:	conform UN 3840



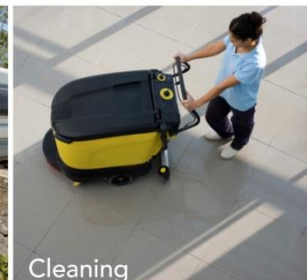
Mobility



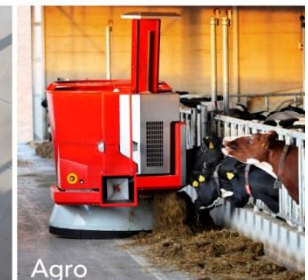
Golf



Camping



Cleaning



Agro