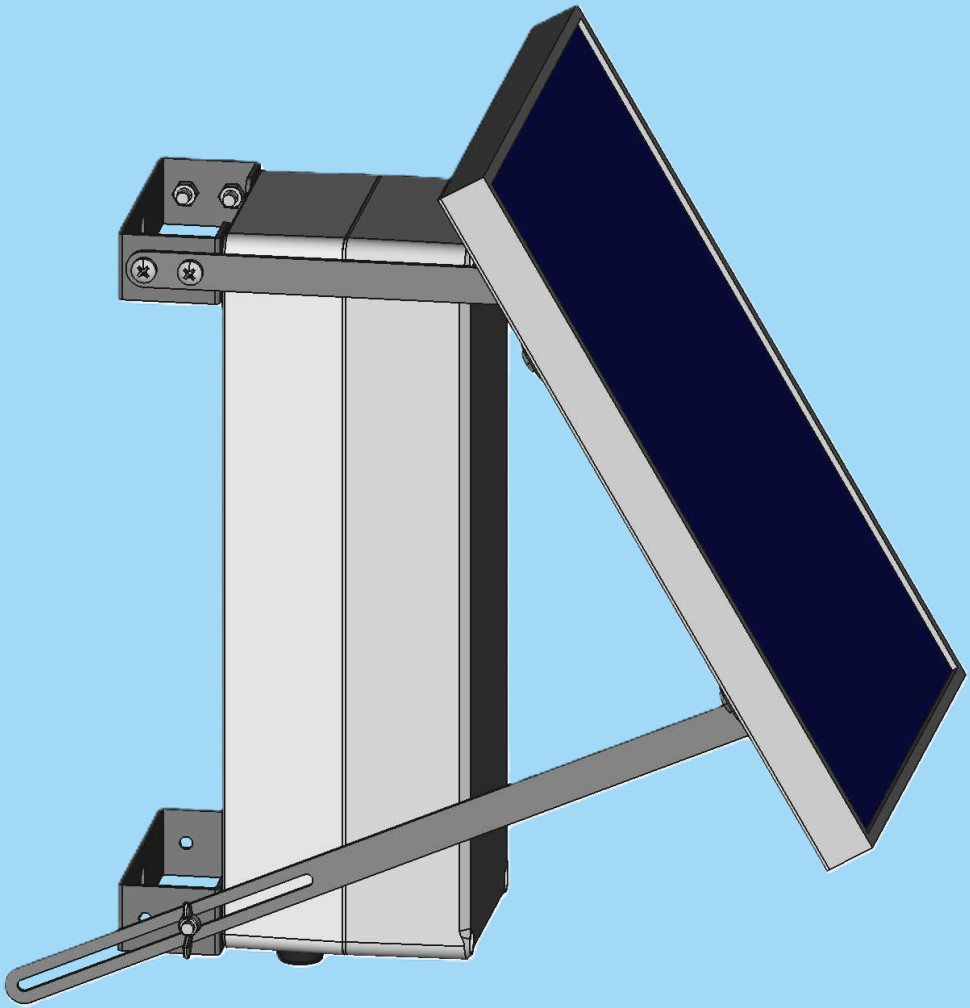
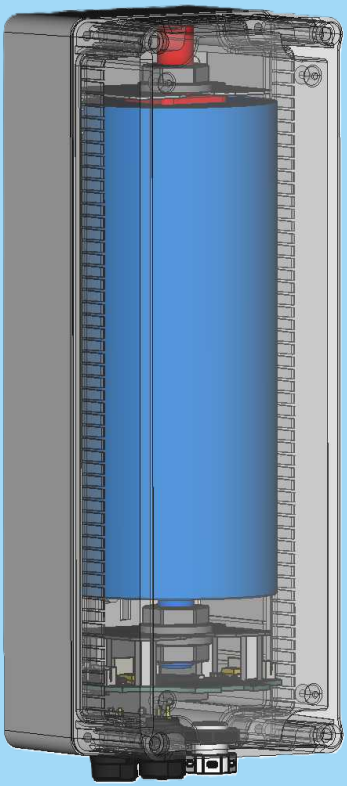
MPS11 Solar Pack

Since 1992





The MPS Solar Pack is designed to power MPS meteorological instruments in locations without access to the electrical grid. It is an ideal solution for supplying power to MPS rain gauges, sensors, and precipitation and water level monitoring stations. An LTO (lithium-titanate) battery is used, offering high capacity, long lifespan, and the ability to operate even in extremely low temperatures.

Application:

- Meteorology & climatology
- Hydrology
- Environmental monitoring systems
- Water management
- Urban infrastructure
- Agricultural and industrial hydrology

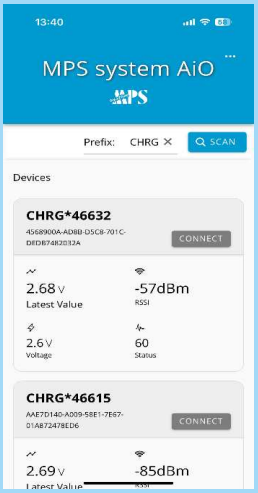
Key features:

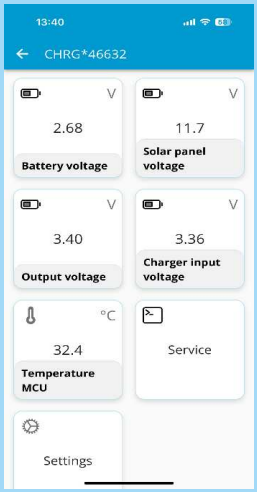
- Autonomous Power Supply for meteorological and hydrological stations in remote areas
- High-Capacity LTO Battery, long lifespan, low-temperature oparation
- Polycrystalline Solar Panel, reliable year-round charging
- Efficient Power Management – internal electronics regulate charging and protect the battery
- Ultra Low Power (ULP) Compatibility – optimized for MPS ULP devices such as rain gauges, sensors, and dataloggers
- Maintenance-Free Operation supports long-term unattended deployments

Power Supply Series

TECHNICAL SPECIFICATION	MPS11 SOLAR PACK
Wired communication	---
Wireless communication	Bluetooth LE
Power output connector	M13, 3-pin
Battery	40 Ah, LTO
Power output	3,3 VDC
Operating temperature	- 40 ÷ 70 °C
Operating humidity	0 ÷ 100 %
Protection rating	IP 65
Material	Stainless steel / UV stabilised PC
Dimensions	186 × 306 x 300 mm
Weight	2.8 kg

MPS AiO BLUETOOTH APPLICATION





Scan for nearby compatible sensors. Display current measurements. Display short-term measurement history in grafical and tabular form. Change sensor setttings. Upload firmware.

Download on the App Store

GET IT ON Google Play

Web application for Windows:
https://app.mps-system.sk

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