

GWU-LiDAR Trailer & GWU-HPS





Trailer equipped with:

Single axis closed trailer with mechanical braking system

Maximum total weight: 1,300 kg

Dimensions (inside): approx. length 2,620 mm x width 1,500 mm x height 1,800 mm

Closed box body, wood sandwich panels, white

Double rear door, lockable, with espagnolette lock, hinges and lock in stainless steel

Side door, lockable (separate cabin for LiDAR incl. lockable roof hatch and internal lockable maintenance door)

Movable mounting platform for easy pre-installation

Mounting bracket (traverse) for 3 solar panels

4 x Crank supports, with automatic support wheel

Trailer lights, 13 poles connection plug

(100 km/h version)

COC (Certificate of Conformity) => easy registration within Europe

Option: GWU-HPS (Hybrid Power Solution)

SFC Fuel Cell, EFOY Pro

Operational panel to display status

Fuel Manager (FM2 or FM4)

Solarcharger

DC/DC Converter (Voltage stabilization)

2 x Methanol cartridges á 28 l

*1 x LiFePo Battery 24 V / 105 Ah **(heated)***

Or

*1 x LiFePo Battery 24 V / 230 Ah **(heated)***

(~95-99 % of the load can be used)

Installed in fibreglas weather protection box



Option: PV Pack (3 x 330 Wp)

3 x PV modules á 330 Wp (990 Wp in sum)

3 x Frames for trailer mounting

3 x Holders for PV modules



Option: MultiSense MS8 (HPS Set)

The EFOY MultiSense records additional charging currents, electrical loads and temperatures from the battery and installation and makes all sensor data available via the EFOY Cloud or the OP3 control panel.

Included:

- Cable for supplying the EFOY MultiSense with power
- MultiSense SFC bus cable
- Port doubler
- 2x current sensor for measuring PV current and total system load
- PT100 with cable
- System integration in the HPS (installation + system test)



SFC EFOY Cloud: Fuel cell monitoring

