

OHM-FIELD UPS

MOBILE POWER SUPPLY SYSTEM

SYSTEM DESCRIPTION

The field UPS system is a military 24V DC power supply unit designed for both stationary and mobile use.

An integrated battery ensures reliable power supply even with unstable energy sources.

Secure communication with higher-level management systems is provided via the network interface.

A version with selective output protection increases availability, and the operating status is displayed on an ultra-bright 5" screen.

Operation is via hardware buttons and a clear touchscreen.

In stealth mode, the device remains dark and silent. The transport module deletes all access data for secure transport.

APPLICATION AREA

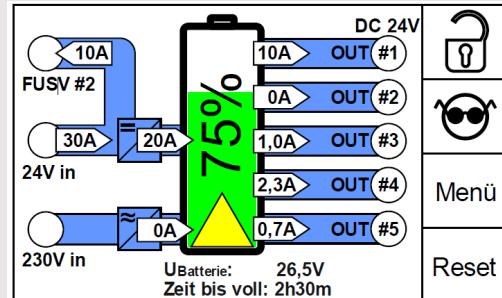
- Defense & disaster protection

SYSTEM FEATURES

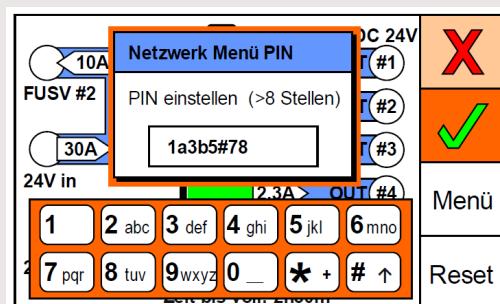
- Military standards:
MIL-STD-810F/G 500/501/502/514/516
MIL-STD-461E CE102/CS101/CS114/CS115/CS116
- AC power supply: 230V AC
- DC power supply: 10-30V DC, fuel cell, solar
- Parallel connection: up to two devices on input side, unlimited on output side
- Output voltage: 24V DC (20-29.2V DC)
- Maximum total output current: 40A
- Number of outputs: 2×40A, 3×20A
- Housing material: Aluminum
- Protection class: IP65
- Weight: approx. 32 kg
- Communication:
Ethernet interface 100k
SNMP 3.0: remote monitoring, optional remote control
Log file for diagnostics and service
- Battery: 24V LFP, 60Ah, integrated fully automatic capacity test (external load required)



MENU STRUCTURE EXCERPT

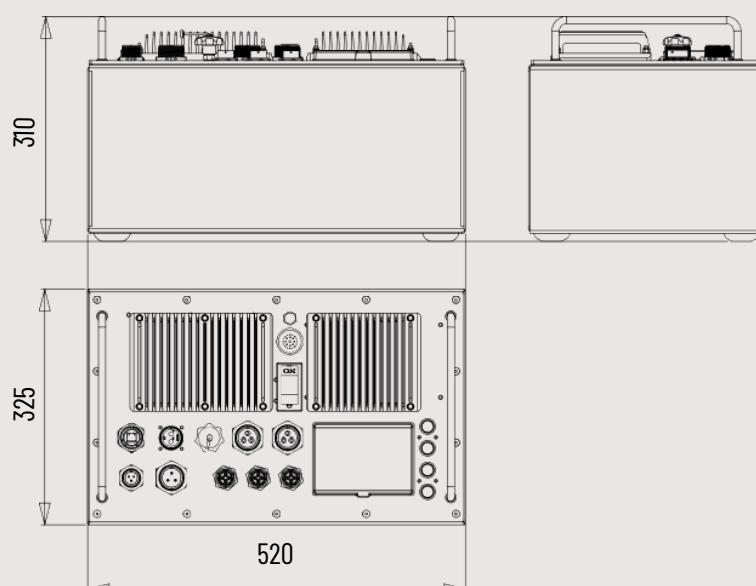


Clear Status Overview



Example of Data Input via Touchscreen

DIMENSIONS



Q **qualityaustria**
SYSTEMZERTIFIZIERT
ISO 9001:2015 NR.114041/0
ISO 45001:2018 NR.00015/0
ISO 14001:2015 NR.03322/0

OHMEGA
ENERGY