



Meisl Off Grid Package 3

Model MVX48XX/5/Easy

With leading technology from



1 - PHASE POWER SUPPLY PACKAGE FOR SOLAR OFF GRID SYSTEMS

- Real Plug & Play, fully preconfigured
- Unpack – Connect – Start
- Output power distribution included, no external fuses necessary
- Easy and fast installation for one person possible
- Also grid-parallel as UPS and for optimizing self consumption possible, grid parallel with uninterrupted emergency power supply (UPS <= 20 ms)
- PV-DC-Coupling, for retrofitting existing solar systems or in combination with new PV-systems, later extension and additional PV-AC-coupling possible
- Generator-input for connection of an emergency generator
- Best ratio for price / AC-power and price / storage capacity



Visualisierung und Bedienung zusätzlich per Tablet, Portal und APP



Technical Data

Inverter

EasySolar 48/5000/70 35 including bidirectional battery inverter 48 V 5000 VA, MPPT 150/Charger, RCD, 5x circuit breaker at AC-out and circuit breaker at AC-In, with integrated ColorControl system management with display, data logging with free web portal and App when internet access available at site

Transfer Switch

Uninterruptible (≤ 20 ms transfer time); full off-grid functionality

Off Grid Power

1-phase, full inverter power, overload 10 kVA for short periods

Optional Battery Types

Lithium-Murata Battery

Model MVS48Li/5/Easy



- Meisl-Murata-Battery MSS4 Fortelion lithium-iron-phosphate LiFePO4 Batterie 8 x 1,2 kWh modules (total 9,6 kWh)
- Battery controller with display
- 19" rack 1085x600x600 mm (HxWxD)
- Battery- and communication cables to ColorControl integrated in EasySolar
- Extension package storage module 1,2 kWh including mounting material in standard rack up to 10 modules with total 12 kWh
- Optional larger rack for extension up to 16 battery modules 1,2 kWh each for 19,2 kWh max.

Blei-Gel Battery

Model MVH48Pb/5/Easy



- 48 V Lead-Gel-Battery-Set consisting of 8x 12V/220Ah Gel Deep Cycle Battery with a capacity of 7,92 kWh (C20, 50% usable)
- DC-fuse
- Battery connection box with integrated BMV (battery monitoring system) with display and 500 A Shunt

Optional Extensions



- PV-set with 18 modules SW290 mono black with 5,22 kWp including mounting system and string distribution, with 12 circuit breakers and 3x over-voltage protection, inclusive 1x spare fuse, PV-DC-cable 4 mm² from modules (10 m) via string distribution to Easy Solar (2 m) (sub construction not included)
- Configuration for grid parallel use with uninterrupted switching to emergency power supply (UPS) with grid code settings and eventual external NS-protection according to the local grid operator.

Prices and details for optional extensions and custom systems on demand.