

# ELMARK<sup>®</sup>

The Brand of Electricity

## OFF-GRID SINGLE-PHASE SOLAR SYSTEM WITH POWER OF 3500W - SET



# TECHNICAL SPECIFICATION

**ELMARK**<sup>®</sup>

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## SOLAR SYSTEM

The proposed kit is suitable for the construction of a stationary off-grid (OFF-GRID) solar system in places where there is no power grid or as a hybrid to provide backup power in case of power failure.

**Catalogue number: 98SOL3500HM**

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### THE SOLAR SET INCLUDES:

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Description	Cat.number	Quantity
Growatt hybrid inverter with a power of 3500W	423042	1pc.
Solar panel 410W	98SOL410M	9pc.
LiFePO4 battery with capacity 2400Wh	98BAT2400LPF	1pc.
Solar cable - red, Ø 4mm <sup>2</sup>	M411079/R	50m
Solar cable - black, Ø 4mm <sup>2</sup>	M411079/BL	50m
4P 32A DC switch	98SOL4P/DC	1pc.

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### ADVANTAGES OF THE SYSTEM:

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- Ability to operate up to 6 inverters in parallel and increase system power up to 21kW
- Ability to upgrade backup power capacity with adding additional batteries
- Inverter met integrated MPPT controller
- Built-in controller monitoring battery charge and discharge rates
- Ability to operate the system with or without a battery
- Remote Wi-Fi system monitoring
- High quality monocrystalline half cut cells solar panels with high efficiency up to 21.5%
- Low performance drop of the system and long service life of the solar panels, up to 30 years

