



FENECON Mini 3-3 | 3-6

The clever residential storage system.

The FENECON Mini 3-3 is a clever energy storage solution for households with an annual electricity need up to 5.000 kWh and a photovoltaic installation up to 10 kWp. Produce your energy at day and consume it at night.

- ✓ 3 kW charge and discharge power
- ✓ 3 kWh usable battery capacity, easily expandable up to 6 kWh*
- ✓ optimal solution for self-consumption
- ✓ emergency power function up to 2 kW (1-phase) for emergency power socket or individual installation in the sub-distribution
- ✓ high degree of safety and durability
- ✓ LiFePO₄ battery technology

* battery extension sold separately

The FENECON Mini is provided with the energy management system FEMS (FENECON Energy Management System) as standard.



Via your browser you can easily follow the charging status of your storage system, the power production of the PV installation and the power consumption.



easy operation, installation and monitoring



emergency power function



reducing your energy costs



optimal use for single-family houses



best price-performance ratio

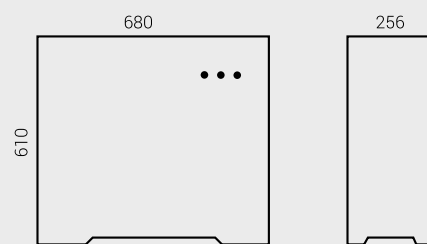


quality of the worlds largest producer of batteries, ev cars & ev buses

General data

System Type (manufacturer)	MINIES-P30B3-E-R2	MINIES-P30B6-E-R2
Dimensions (W/D/H)	680 / 256 / 610 mm	698 / 467 / 810 mm
Weight	98 kg	155 kg
Mounting	floor-standing	
IP protection class	IP 32	
Operation temperature	0 - 40 °C	
Installation site temperature	-10 - 40 °C	
Operating mode	1-phase	
Max. sound level	45 dB	
Communication interface	RS485; Ethernet	

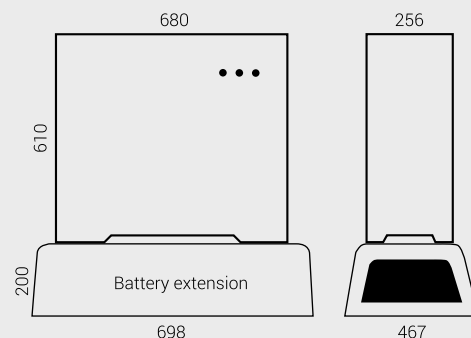
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Technical parameters according to manufacturer

Nominal capacity	DC 3,0 kWh	DC 6,0 kWh
Technology	Lithium iron phosphate (LiFePO ₄)	
Rest capacity after warranty	70 %	
Max. power inverter	3 kVA	
Continuous operation inverter	2 kVA	
Frequency	50 Hz	
Efficiency inverter	93 %	
Emergency power	yes	
Nominal output energy power	2 kVA	

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Warranty

- 5 years product warranty – extendable to 10 years
- 10 years 80 % time value replacement warranty according to KfW-terms
- 12 years or 6.000 cycles capacity warranty till 70 % residual capacity

Certifications

- CE; low voltage directive VDE-AR-N 4105
- EN 62477-1: 2012/A11:2014; IEC 62477-1(ed.1); EN 62040-1:2008/A1:2013; EC 620401(ed.1); am 1; EN 61000-6-3:2007+A1:2011; EN 61000-6-2:2005; VDE-AR-N 4105:2011; DIN VDE 0126-1-1:2013; DIN V VDE V 0124-100:2012

Technical structure

