

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 supply
- ✓ high degree of safety and durability
- ✓ LiFePO₄ battery technology

* battery extension sold separately

Every FENECON Mini is shipped with the energy management system FEMS (FENECON energy management system).

You can easily show the charging status of your energy storage system, the energy production of your PV installation and your power consumption at a glance.



easy operation,
installation and
monitoring



emergency power
function



lowering your
energy costs



optimal use for
single-family
houses



best
price-performance
ratio



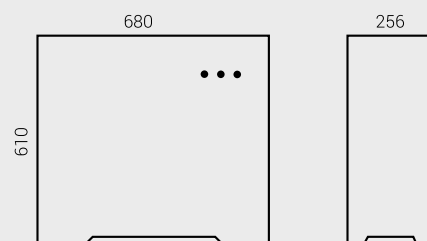
quality of the
worlds largest
producer of
batteries,
ev cars & ev buses

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	

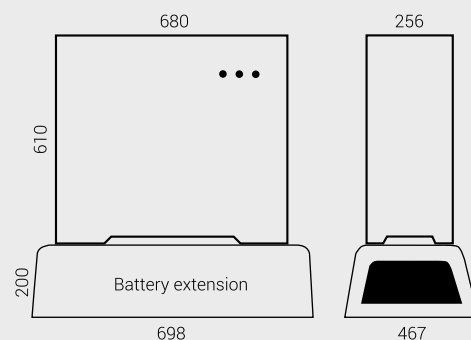
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Technical parameters according to manufacturer

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	
Battery management	active balancing	

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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

