Datasheet Serie Basic

AC energy storage



The series basic AC combines effortless operation and powerful functionality. It's the optimal energy storage solution for versatile applications such as medium and larger residential buildings. This series focuses on ease of use and versatility, with the clear aim of optimizing your own needs and self-sufficiency on medium-sized solar systems. Simplicity meets performance – the basic AC series is the smart choice for efficient energy use.

Product name	**moduBasic AC second life 13.5**	**moduBasic AC second life 27**	**moduBasic AC second life 40.5**	**moduBasic AC second life 54**
Usable capacity	**13.5 kWh**	**27.0 kWh**	**40.5 kWh**	**54.0 kWh**
Number of PowerUnits	1	2	3	4
Article number	12337	12338	12339	12340
Cell type	100% second life cells			
Cell technology	$LiFePO_4$			
Connection	Three-phase terminal block (WAGO)			
Communication	Ethernet			
Voltage	3 x 400 VAC			
Max charging power[1]	3.9 kW	5.5 kW	10.4 kW	10.4 kW
Max discharge power[1] [2]	3.4 kW	6.4 kW	8.6 kW	8.6 kW
Dimensions in mm (lxwxh)	760 x 550 x 841	760 x 550 x 1177	760 x 550 x 1513	760 x 550 x 1849
Weight per battery module	49.5 kg			
Total weight (approx.)	200 kg	300 kg	400 kg	500 kg
Ambient temp. range	5°C - 40°C	5°C - 40°C	5°C - 40°C	5°C - 40°C

Highlights

- Circular economy with "second life" cells
- 3-phase emergency power capability (backup)*
- Low installation effort
- Proactive cells monitoring & control
- Compatible with Solar Manager and Smart-ME
- Developed and manufactured in Switzerland
- Swiss maintenance & support

[1] At 25°C.
[2] The maximum discharge power must not be exceeded at the emergency power connection.

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