

Industrial Batteries / Network Power

Sonnenschein@home Lithium 7.0 / 9.0



»The innovative **high energy density,**
fast charging battery«

Renewable Energy meets high-performance storage and fast charging batteries

Sunny outlook for self-generated power









More than ever before the world is focused on renewable energy and developing more responsible technologies. With Sonnenschein@home everybody can contribute to a better environment and save money. GNB[®] Industrial Power offers an excellent energy storage solution with its Sonnenschein@home Lithium battery 7.0/9.0. The Sonnenschein@home Lithium battery provides ideal performance in a variety of applications. Be on the sunny side with Sonnenschein@home!

Sonnenschein@home Lithium 7.0/9.0

The Sonnenschein Lithium SHL48V modules are ideal when Advanced Energy Systems are required. Excellent float and cycle life with zero maintenance offers end-users significant cost of ownership savings. The state-of-the-art safety hardware offers our customers complete peace of mind.

Every module contains its own Battery Management System. Up to 12 modules can be connected in parallel. In a parallel configuration one module assumes the role of Master BMS. The Master BMS communicates with the Energy Management System of approved inverters.

Main Product Features

-  Ideal for residential, commercial & industrial energy storage
 -  Plug & Play
 -  Maintenance free
 -  No gas emission
 -  High cycle life - 5,000 full cycles to 80% DOD
 -  Fast charging possible - shorter charging time
 -  Compact design
 -  Perfect functionality with
> SMA Sunny Island Family
> SP Pro Family
- CAN bus communication between battery and inverter is mandatory.



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General Properties	SL@home 7.0	SL@home 9.0
Nominal voltage	55,5 V	54.0 V
Capacity	121,5 Ah	156.6 Ah
Nominal energy	6,8 kWh	8.5 kWh
Available energy	5,4 kWh	6.8kWh
Number of cycles	5000	5000
Discharge depth (DOD)	80%	80%
Max. discharge current	300 A (3 sec.)	300 A (3 sec.)
Protection class	IP 21	IP21
Operating temperature	0°C bis + 45°C	0°C bis + 45°C
Max. humidity	85% non-condensing	85% non-condensing
Connection	two 50mm ² DC cables with cable lug M8	two 50mm ² DC cables with cable lug M8
Dimensions W x H x D	approx. 640 mm x 465 mm x 490 mm	approx. 640 mm x 465 mm x 490 mm
Weight	95 kg	97 kg

Application

