

Datasheet Serie Basic 11

DC energy storage

The series basic DC opens up a world of endless possibilities for DC-coupled energy storage solutions. In combination with inverters from industry leaders, individual systems can be created that leave no customer wish unfulfilled. By using low-voltage systems, the systems are not only easy to maintain, but also safe to operate.



Product name	moduBasic DC second life 11	moduBasic DC second life 23	moduBasic DC second life 34	moduBasic DC second life 46
Nominal capacity	11.5 kWh	23.0 kWh	34.5 kWh	46.0 kWh
Number of PowerUnits	1	2	3	4
Article number	11748	11749	11750	11751
Cell type	100% second life cells			
Cell technology	LiFePO ₄			
Connection	Cable lug			
Communication	Ethernet + CAN Bus			
Voltage	51.2 VDC			
Max charging power ¹	4.7 kW	9.5 kW	14.2 kW	15.4 kW
Max discharge power ¹	4.7 kW	9.5 kW	14.2 kW	15.4 kW
Max discharge/charge current	92 A	185 A	277 A	300 A
Battery module weight	49.5 kg			
Dimensions in mm (lxwxh)	760 x 550 x 455	760 x 550 x 791	760 x 550 x 1127	760 x 550 x 1463
Total weight (approx.)	115 kg	215 kg	315 kg	415 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
- Easy commissioning
- Proactive cells monitoring & control
- Compatible with Solar Manager
- Developed and manufactured in Switzerland
- Swiss maintenance & support

Compatible inverters

- Solis S6-EH3P(8-15)K02-NV-YD-L
- SolarEdge StorEdge SExK-RWS
- Victron MultiPlus II 48/5000/70-50 GX
- Victron MultiPlus II 48/3000/35-32 GX
- Victron MultiPlus 48/3000/35-16
- SMA Sunny Island
- Studer next3

Performance overview moduBasic DC ↔ Solis

Product name	moduBasic DC second life 11	moduBasic DC second life 23	moduBasic DC second life 34	moduBasic DC second life 46
Max. discharge/charge power	4,7 kW	9,5 kW	14,2 kW	15,4 kW
S6-EH3P 10K 02	* 4,7 kW	* 9,5 kW	10,0 kW	10,0 kW
S6-EH3P 12K 02	4,7 kW	9,5 kW	12,0 kW	12,0 kW
S6-EH3P 15K 02	4,7 kW	9,5 kW	* 14,2 kW	* 14,8 kW

"The Solis S6-EH3P(8-15)K02-NV-YD-L inverters from the Solarator series can be combined with any moduBasic DC storage units. The matrix shows the maximum charging and discharging power for each combination.

* Best combination of moduBasic DC storage unit & inverter for the corresponding capacity."