

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.



Nome del prodotto	moduBasic DC second life 11	moduBasic DC second life 23	moduBasic DC second life 34	moduBasic DC second life 46
Capacità nominale	11.5 kWh	23.0 kWh	34.5 kWh	46.0 kWh
Quantità di PowerUnit	1	2	3	4
Numero di articolo	11748	11749	11750	11751
Tipo di batterie	100% di celle di seconda vita			
Tecnologia delle celle	LiFePO ₄			
Collegamento	Capocorda			
Comunicazione	Ethernet + CAN Bus			
Tensione	51.2 VDC			
Potenza massima di carica ¹	4.7 kW	9.5 kW	14.2 kW	15.4 kW
Potenza massima di scarica ¹	4.7 kW	9.5 kW	14.2 kW	15.4 kW
Corrente max di scarica/carica	92 A	185 A	277 A	300 A
Dimensioni in mm (lxlxa)	760 x 550 x 455	760 x 550 x 791	760 x 550 x 1127	760 x 550 x 1463
Peso (circa)	115 kg	215 kg	315 kg	415 kg
Intervallo temperatura ambiente	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 SE_XK-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."