



Data sheet sonnenProtect 8000

Keep your lights on with sonnenProtect 8000.

Nominal Power in conjunction with sonnenBatterie 10 performance (11kWh)	5.000W ¹
Nominal Power in conjunction with sonnenBatterie 10 performance (from 22kWh)	8.000W
Nominal frequency	50 Hz
Output voltage	400VAC / ± 10 %
Overload (5 min / 30 s) in conjunction with sonnenBatterie 10 performance (11kWh)	5.500 W / 6.000 W
Overload (5 min / 30 s) in conjunction with sonnenBatterie 10 performance (from 22kWh)	8.800 W / 9.600 W
Max. output current per phase (Duration / 100 ms)	11,6A / 20,2A
Max. grid connection	35A per fase
Network configuration in emergency operation	TN-S
Mains connection	Three phase, L1-3 / N / PE
Mains connection fuse	Miniature circuit breaker max. 35A
Operating concept	Three phase emergency power supply via emergency power circuit(s). Not to be used for off-grid purposes.
Switchover time	Normal operation to back-up power: approx 10s Back-up power to normal operation: approx. 3s
Dimensions (H/W/D) in cm	66/29/14
Weight in kg	Approx. 10
Protection Class / Degree of protection	II / IP65
Operating temperature range	-5°C ... 45°C ²
Max. relative humidity	100%, condensing

The sonnenProtect 8000 is only compatible with the sonnenBatterie 10 performance. We reserve the right to make technical changes and updates at any time. The values, performance, and other information, illustrations, or drawings contained in this data sheet, brochures, and other offer documents are only exemplary and are subject to ongoing revision and adjustments. Insofar as the information has not been expressly designated by us as binding, this information does not constitute a guarantee. The information in the binding order or the purchase contract shall apply.

¹ Discharge only; charging power of 7,000 W possible. ² Observe the optimum temperature range of the sonnenBatterie 10 performance.

Status as of October 2022