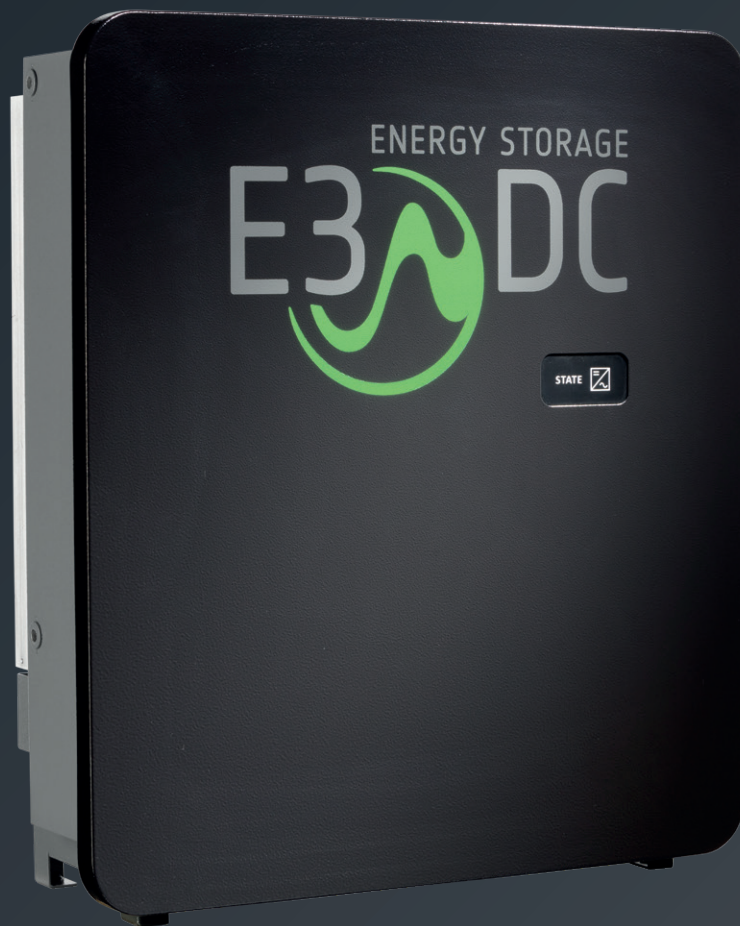


Technical data

Additional solar power inverter



Technical data

Additional solar power inverter SWR12P3

Input	Additional solar power inverter SWR12P3
Max. recommended DC power (W)	13,000
Min. MPP voltage (V)	250
Min. MPP voltage for AC rated power (V)	500
Max. MPP voltage (V)	850
Max. DC input voltage (V)	1,000
Max. DC current per MPP tracker (A)	18 ¹⁾
Number of MPP trackers	2
Input connection technology	4x MC4 connectors

Output	Additional solar power inverter SWR12P3
Max. AC rated power (230 V, 50 Hz) (W)	12,000
Max. apparent output power (VA)	13,800
AC nominal voltage (V)	3x 230
AC rated frequencies (Hz)	50
Max. output current (per phase) (A)	20
Feed-in phases / connection phases	3 / 3
Technology	Transformerless
Cos (phi)	- 0.9 ... + 0.9
Output connection	Spring terminal up to 6 mm ²

Technical data

Additional solar power inverter SWR12P3

General data	Additional solar power inverter SWR12P3
Max. efficiency (%)	96.7
EU efficiency class (%)	95
Protection class	I
Protection class	IP54
Galvanic isolation PV-EVU network	No
Network monitoring	Three-phase mains voltage and frequency monitoring in accordance with DIN 0126-1-1 or VDE-AR-N 4105, ÖVE/ÖNORM E 8001-4-712:2016 11 01 / TOR D4 2016-07
Overvoltage category	III
Ambient conditions	In buildings, under a roof with protection against direct sunlight and snow. Ensure ventilation, observe distance from easily flammable materials.
Permissible ambient temperature (°C)	-20 to +45
Max. relative humidity (%)	0 to 85, non-condensing
Max. operating altitude (mamsl)	2,000
Housing	Steel sheet, aluminium
Cooling principle	Temperature-controlled fan
Equipment/fire protection	EN62109-1/-2
Dimensions W x H x D (mm)	570 x 670 x 262
Dimensions incl. wall mount W x H x D (mm)	570 x 670 x 268
Weight (kg)	45
Noise emissions (1.5 m)	51 dBA (fan off) / 58 dBA (fan on)
Number of string connections	2x2
DC isolating switch	Integrated
Data interface	CAN (internal communication)

¹⁾ Check configuration tool if exceeded

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