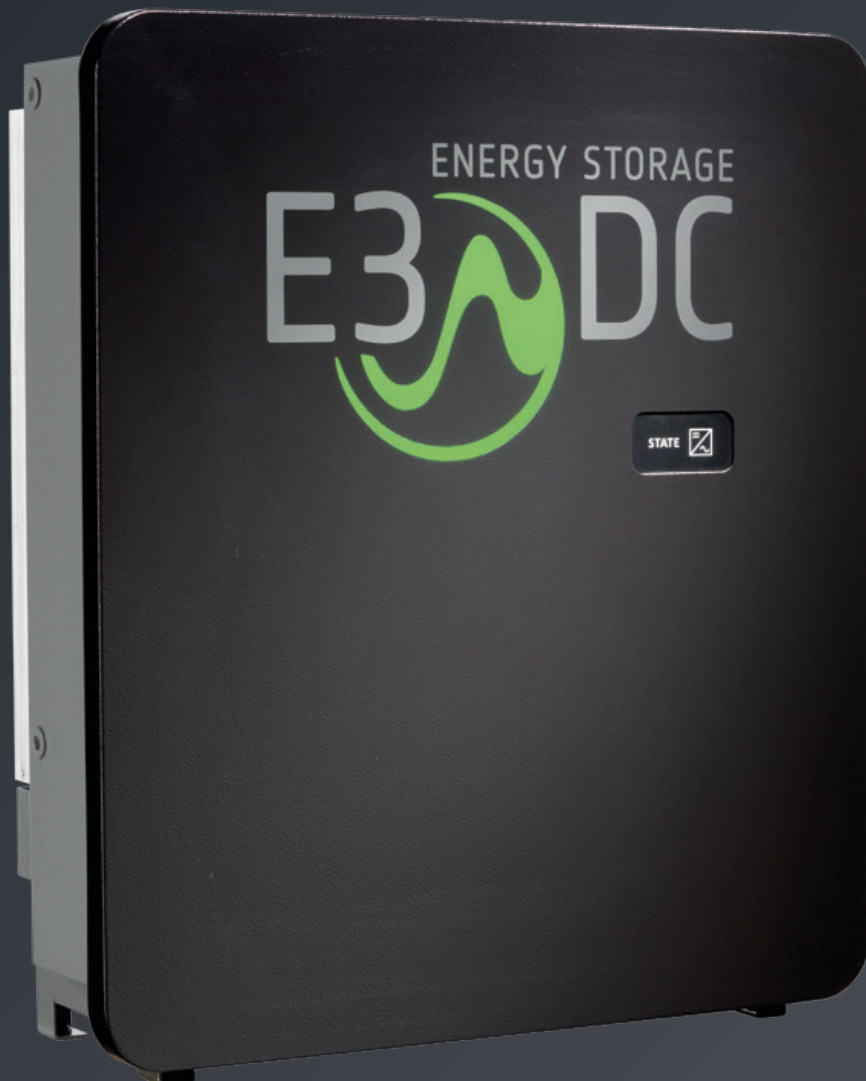


Technical data

Additional inverter



Technical data

Additional inverter SWR12P3

input	Additional inverter SWR12P3
max. recommend DC-power (W)	15,000
min. MPP voltage (V)	250
min. MPP voltage for AC-nominal power (V)	500
max. MPP voltage (V)	850
max. DC-input voltage (V)	1,000
max. DC-current per MPP-tracker (A)	18 ¹⁾
quantity MPP-tracker	2
component connection point gateway	4x MC4 plug

output	Additional inverter SWR12P3
max. AC-nominal power (230 V, 50 Hz) (W)	12,000
max. output power (VA)	13,800
AC-nominal voltage L/N/PE (V)	3x 230
AC-nominal frequency (Hz)	50
max. output current (per phase) (A)	20
feed in phases / connecting phases	3 / 3
technology	transformerless
cos (phi)	- 0,9 ... + 0,9
output connection system	spring clamp up to 6 mm ²

Technical data

Additional inverter SWR12P3

general information	Additional inverter SWR12P3
max. round trip efficiency (%)	96,7
solar inverter EU efficiency (%)	95
protection class according to IEC 62103	I
protection class according to IEC 60529	IP54
galvanic isolation PV-ES-grid	no
grid	Three-phase grid voltage and frequency monitoring according to DIN 0126-1-1 and VDE-AR-N 4105, ÖVE/ÖNORM E 8001-4-712:2016 11 01 / TOR D4 2016-07
overvoltage category	III
environmental conditions	In buildings, roofed with protection from direct sunlight and snow. Air supply ensured, keep away from flammable materials.
permissible ambient temperature (°C)	-20 up to +45
max. relative humidity (%)	0 bis 85, not condensing
max. operating height (m ü.NN)	2,000
case	steel plate, aluminium
cooling principle	temperature controller ventilation
device safety / fire protection	EN62109-1/-2
size (mm)	570x670x262
size incl. bracket (mm)	570x670x268
weight (kg)	45
noise emission (1,5 m)	51 dBA (ventilation off) / 58 dBA (ventilation on)
number of string-connections	2x2
DC-disconnection switch	integrated
data interfaces	CAN (internal communication)

¹⁾ if exceeded, please check the design tool



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