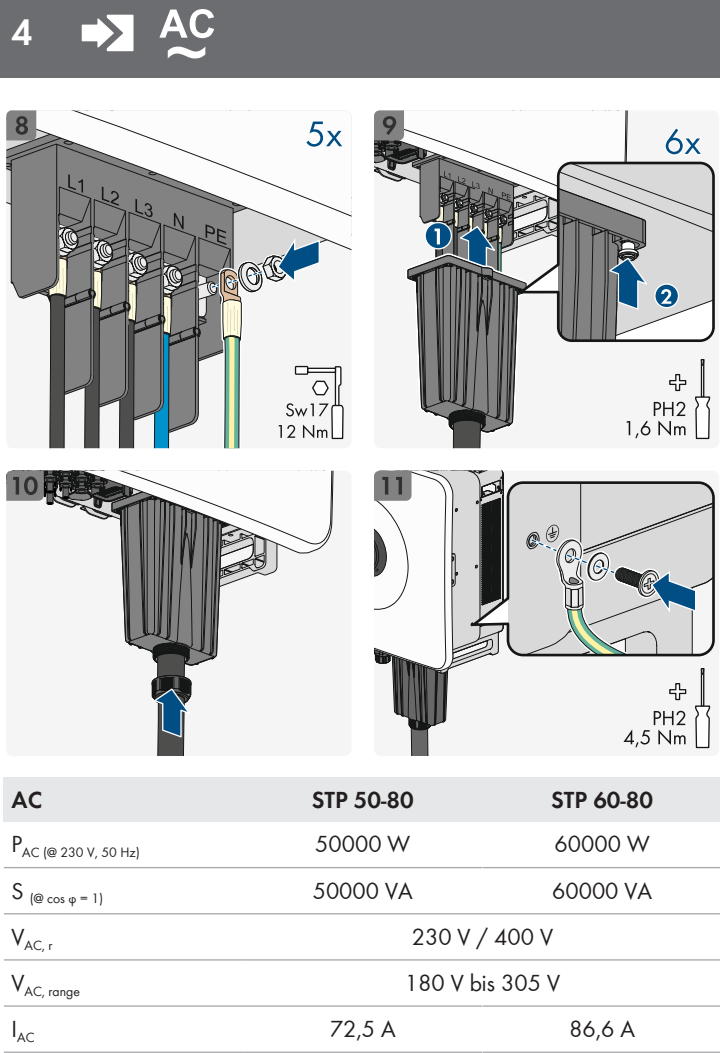
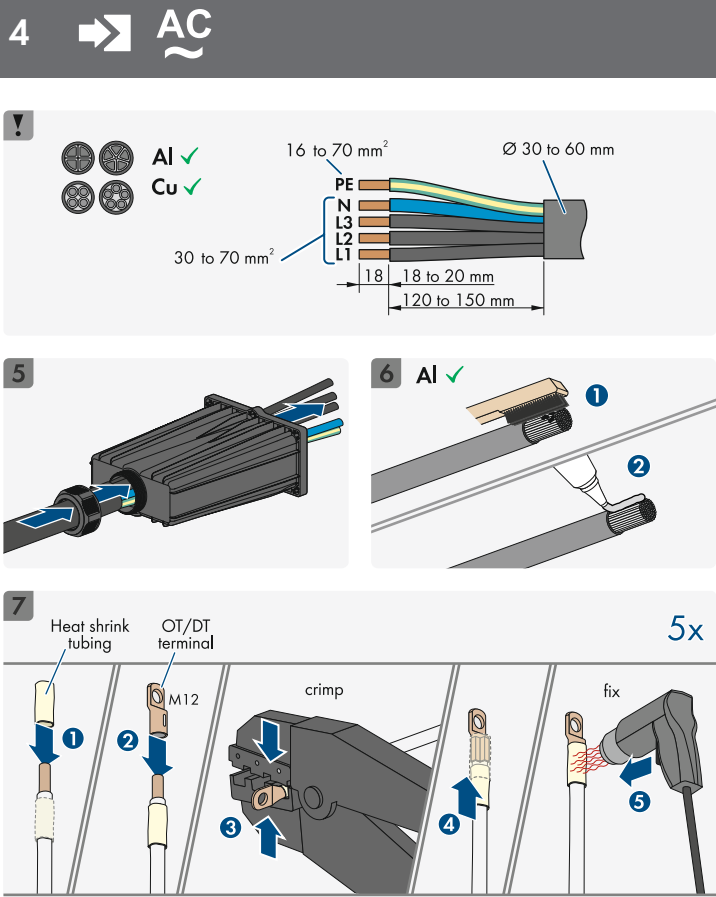
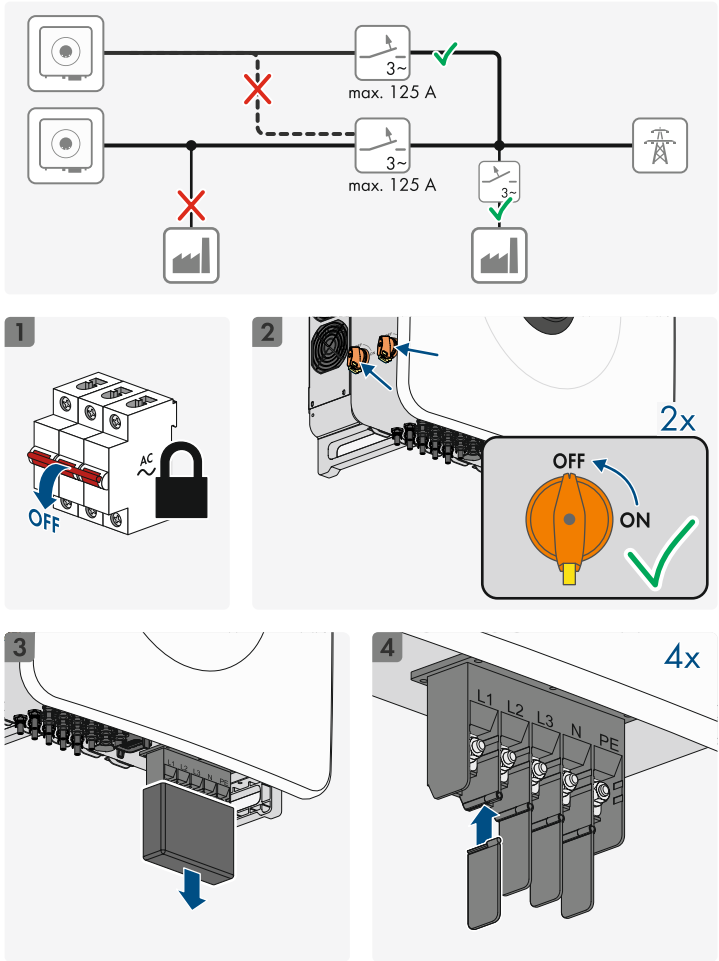
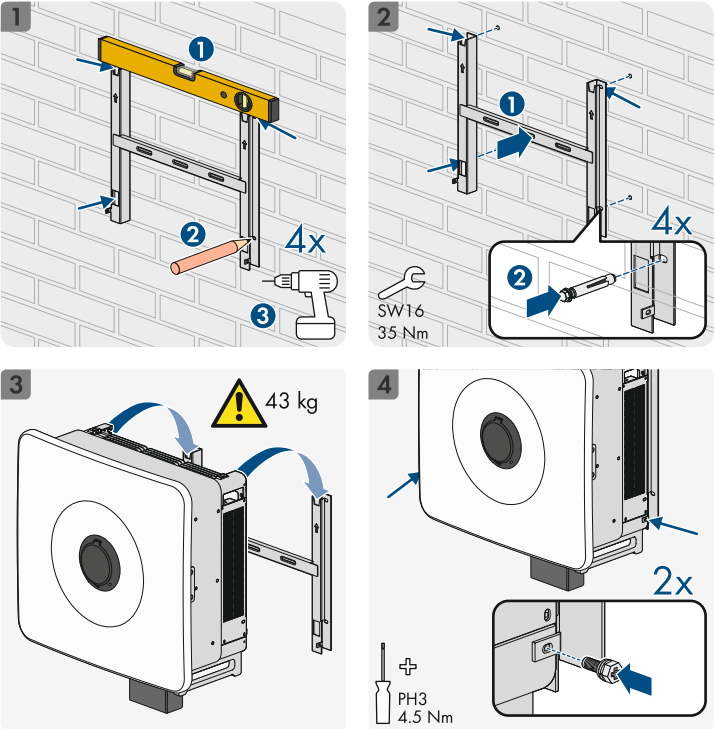
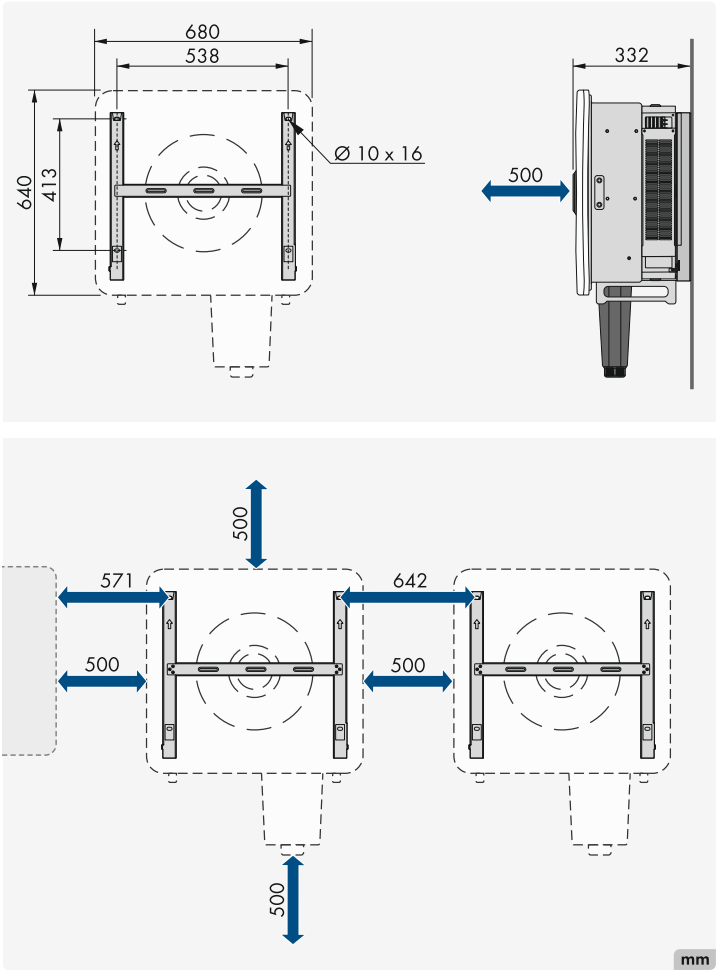
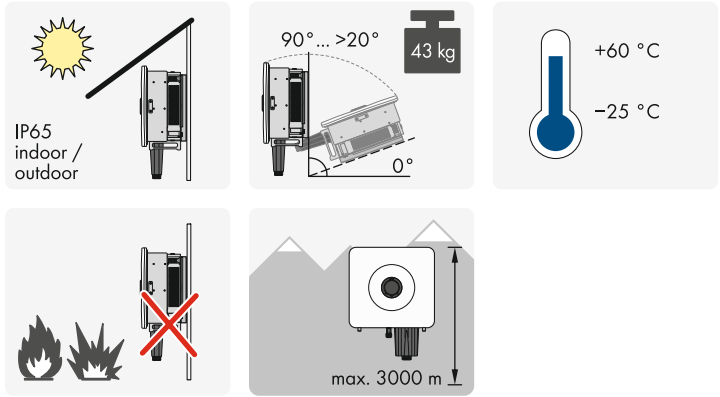
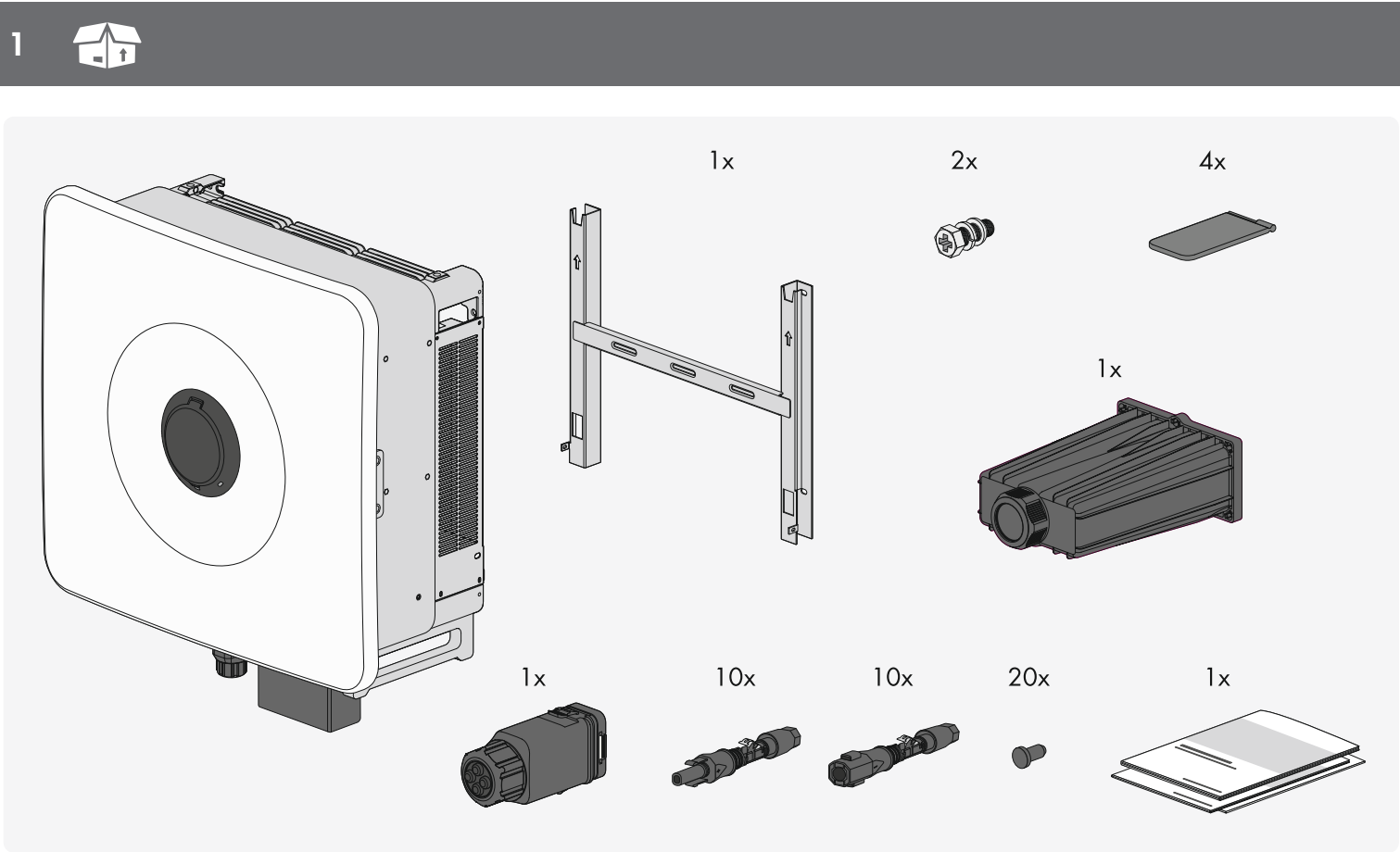
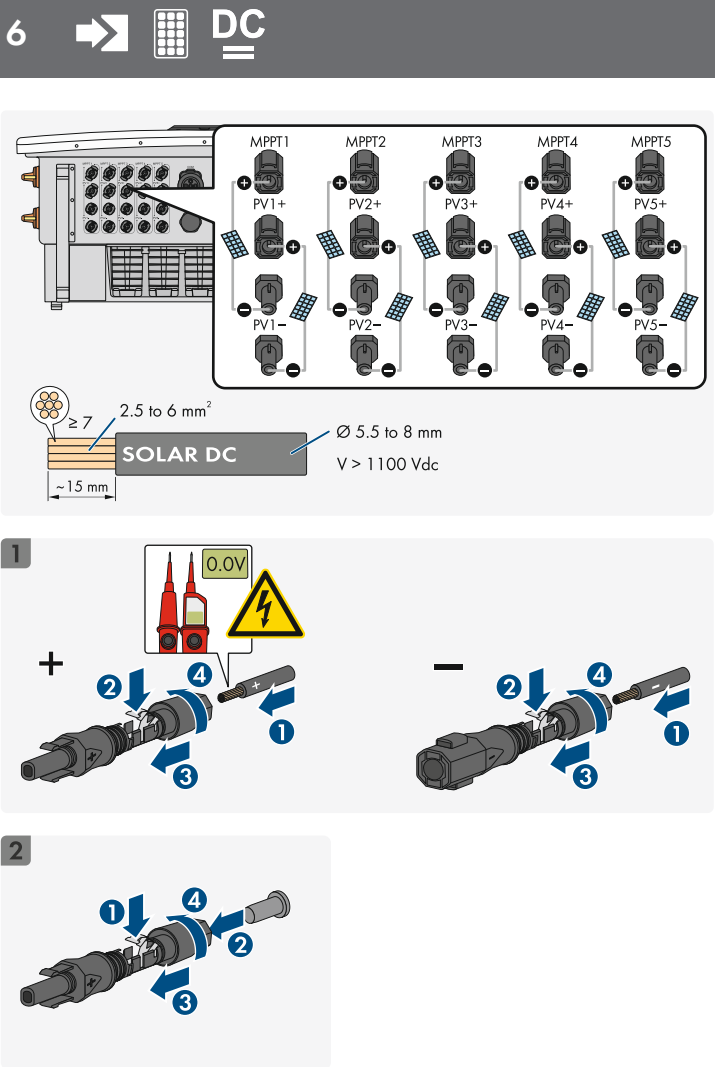
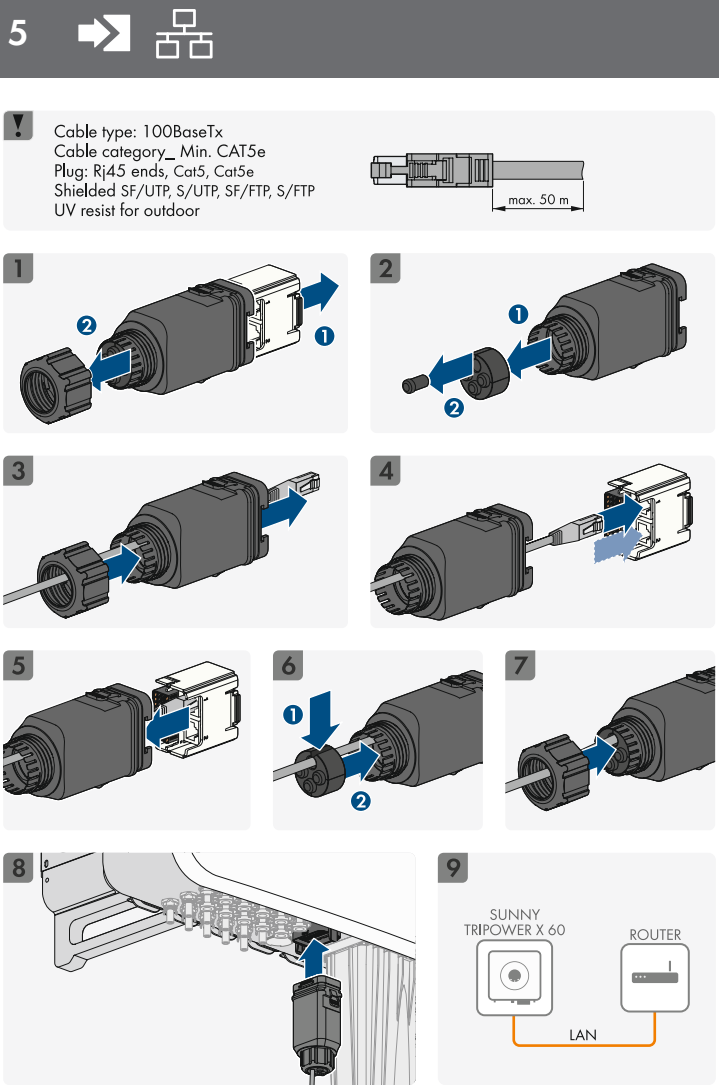


SUNNY TRIPOWER X 60

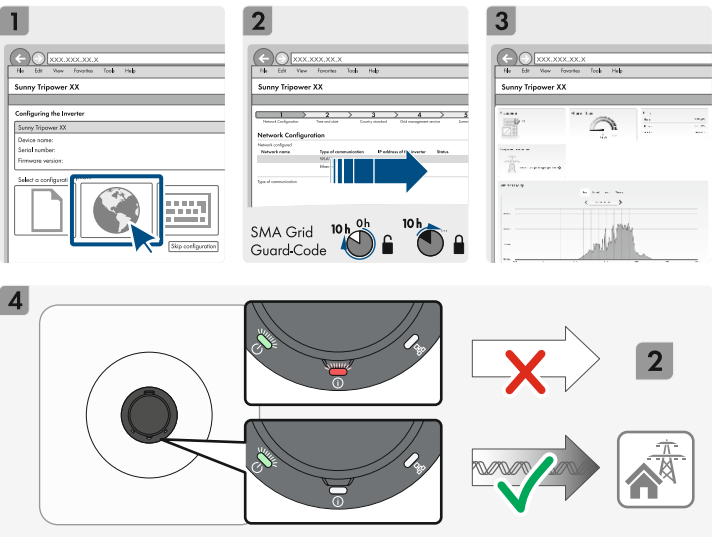
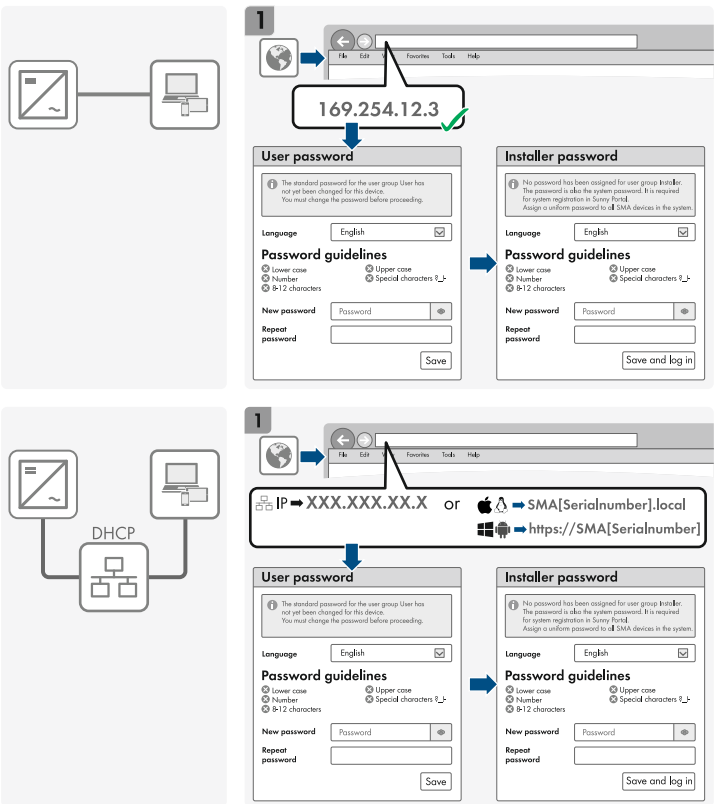
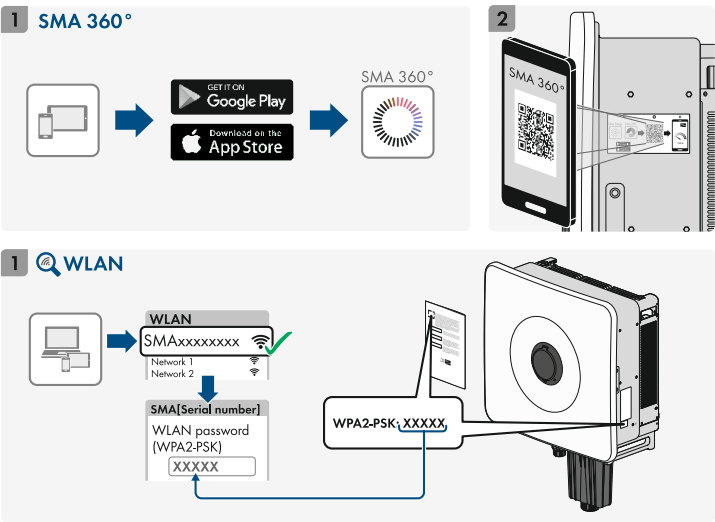
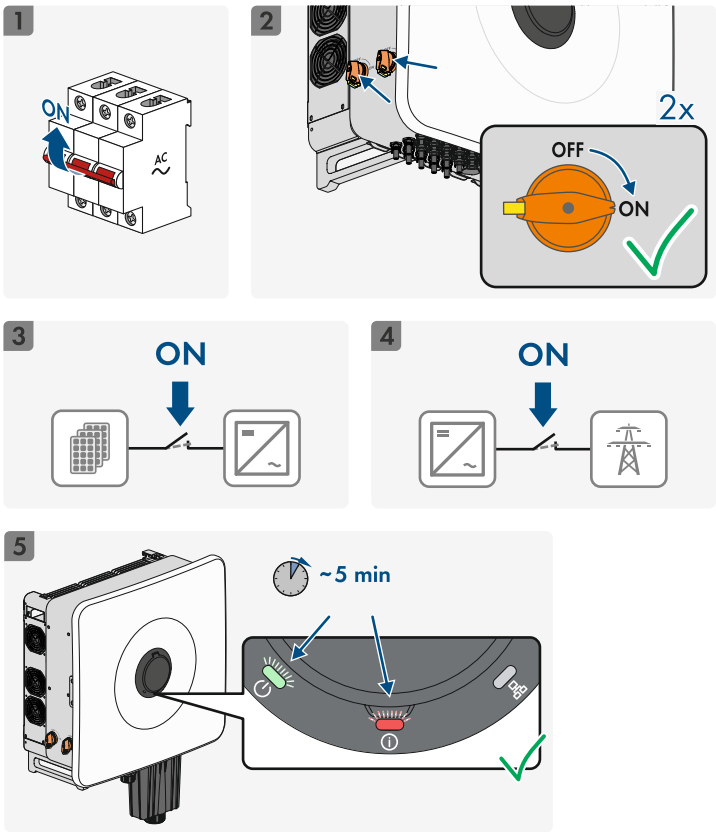
STP 50-80 / STP 60-80



AC	STP 50-80	STP 60-80
$I_{AC, max}$	79,5 A	95,3 A
f_{AC}	50 Hz / 60 Hz	
$\cos \varphi$	0.8 overexcited to 0.8 underexcited	



DC	STP 50-80	STP 60-80
Max. generator power	75000 Wp STC	900000 Wp STC
$V_{DC, max}$	1100 V	1100 V
$V_{DC, MPP @ 40^\circ C}$	500 V to 850 V	
$I_{SC PV max, MPPT}$	50 A	



Topology	without transformers
Overvoltage category in accordance with IEC 62109-1	II (DC), III (AC)
Protection class in accordance with IEC 62109-1	I
All-pole sensitive residual-current monitoring unit	integrated
Maximum permissible value for relative humidity, condensing	100%
Extended humidity range according to IEC 60721-3-4	0% to 100%
Pollution degree inside the enclosure	2
Pollution degree outside the enclosure	3
Demand Response Mode per AS/NZ 4777.2	DRMO
Power control/Demand Response (DRED)	Communication via Modbus



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