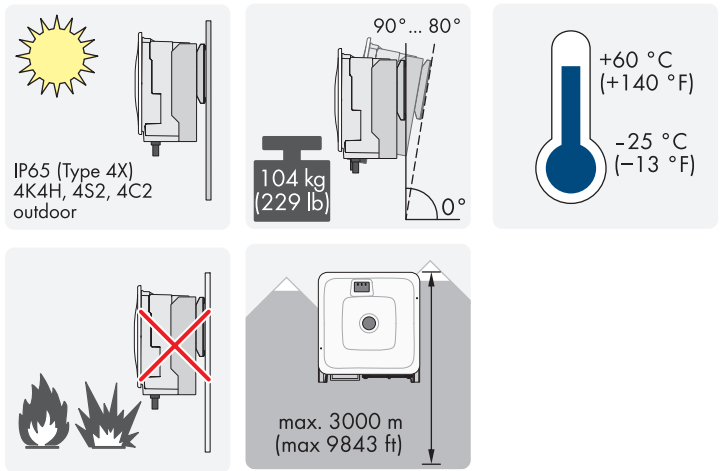


SUNNY ISLAND X

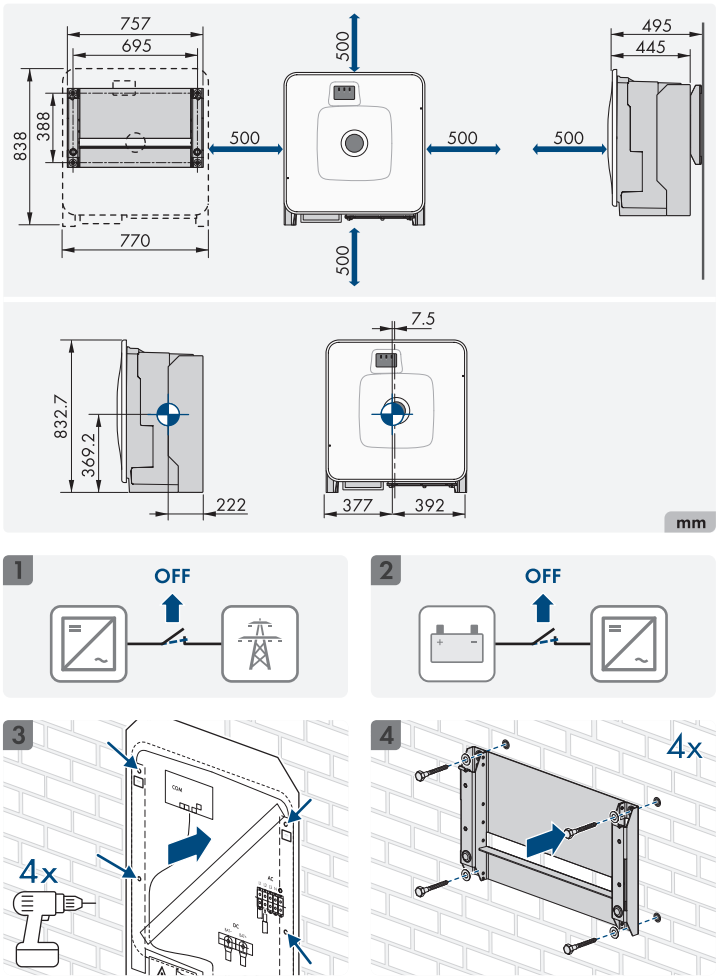
SI30-20 / SI50-20



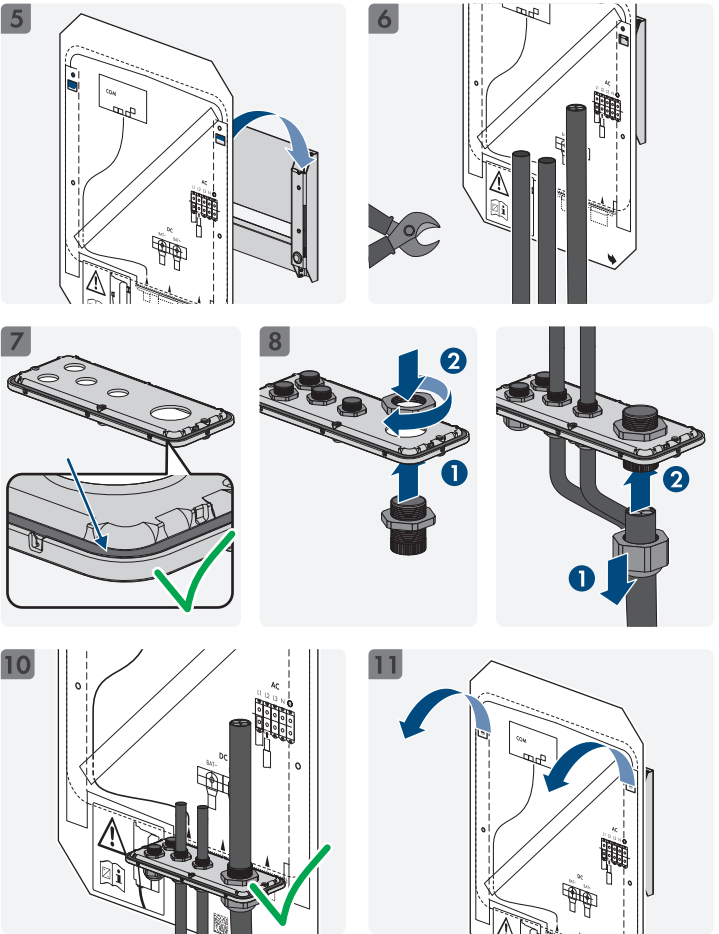
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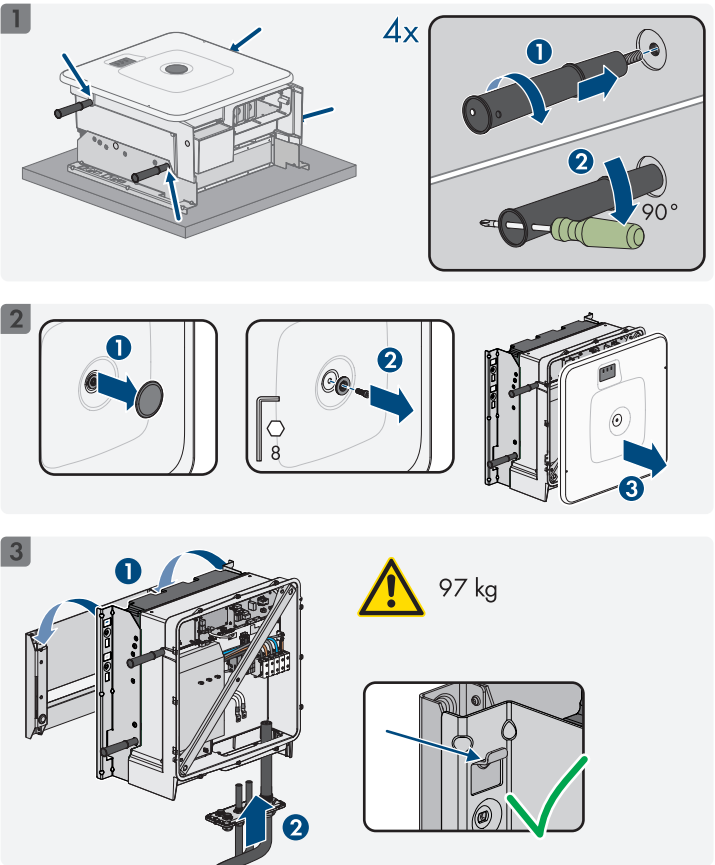
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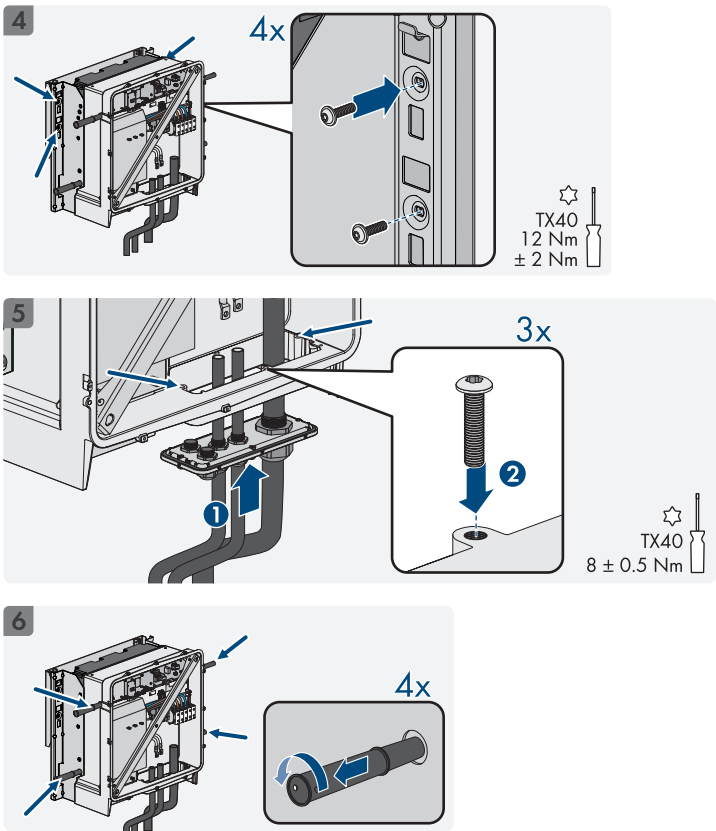
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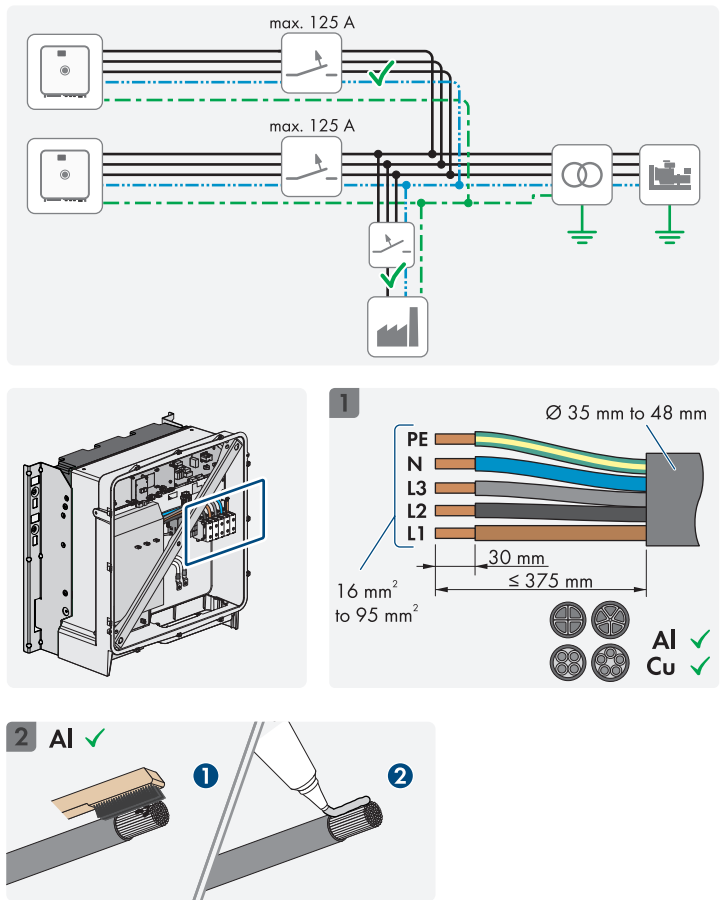
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4



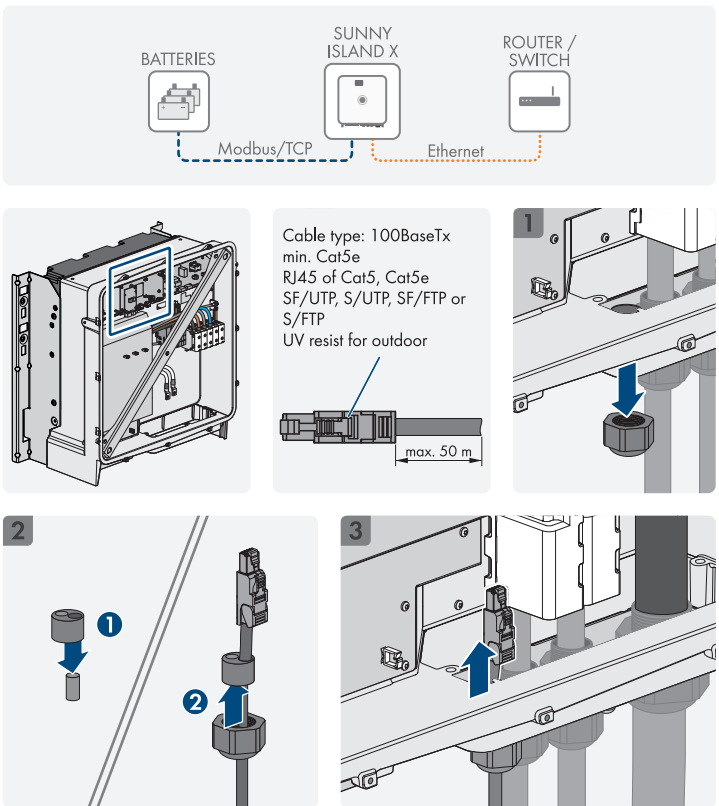
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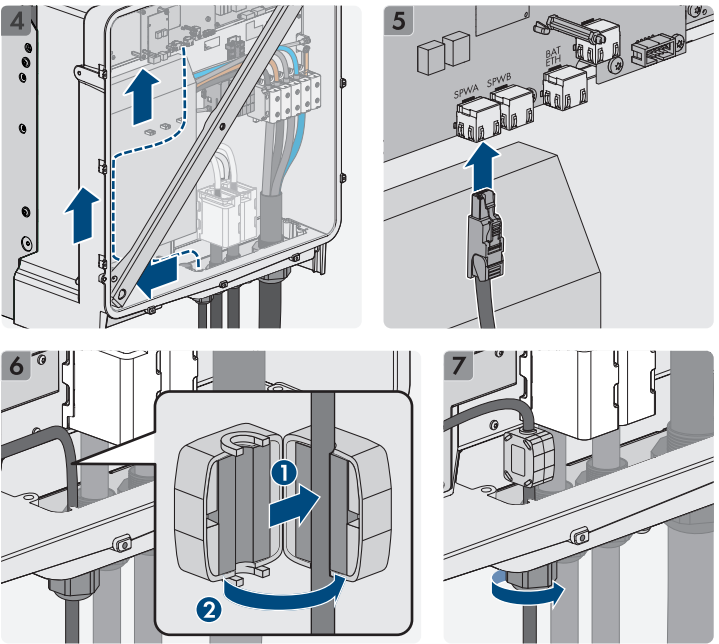
5

AC	SI30-20	SI50-20
P _{AC} (@ 230 V, 50 Hz)	30000 W	50000 W
S (@ cos φ = 1)	30000 VA	50000 VA
V _{AC, r}	400 V	400 V
V _{AC, range}	340 V to 477 V	340 V to 477 V
I _{AC}	43.3 A	72.2 A
I _{AC, max}	75.5 A	
f _{AC}	50 Hz / 60 Hz	
cos φ	0.0 overexcited to 0.0 underexcited	

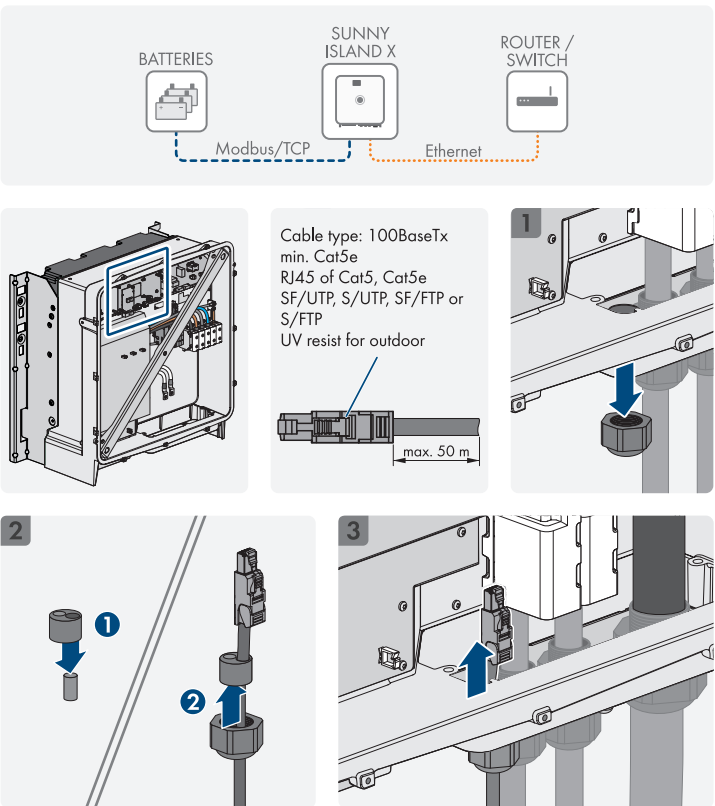
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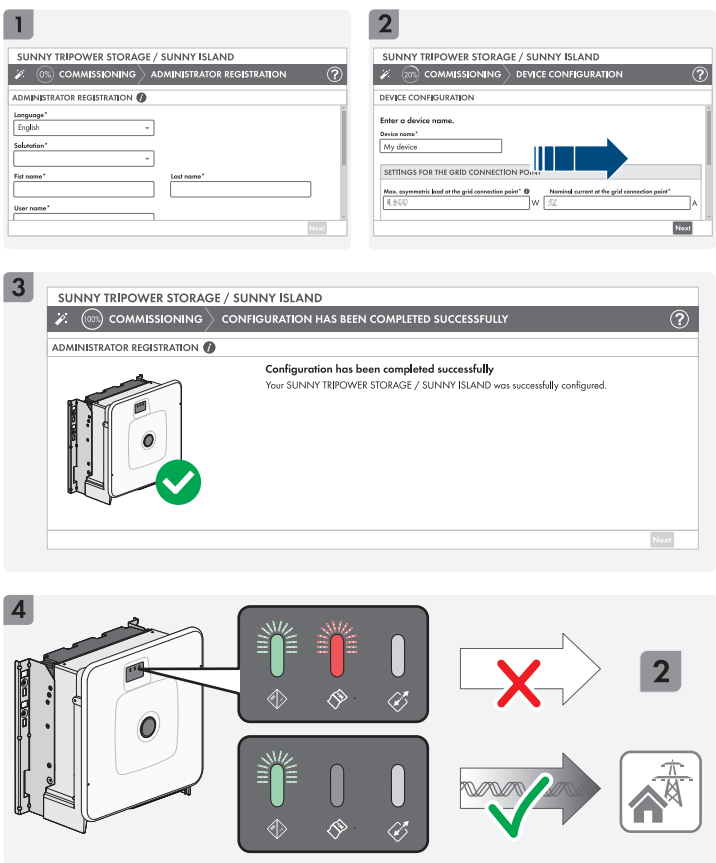
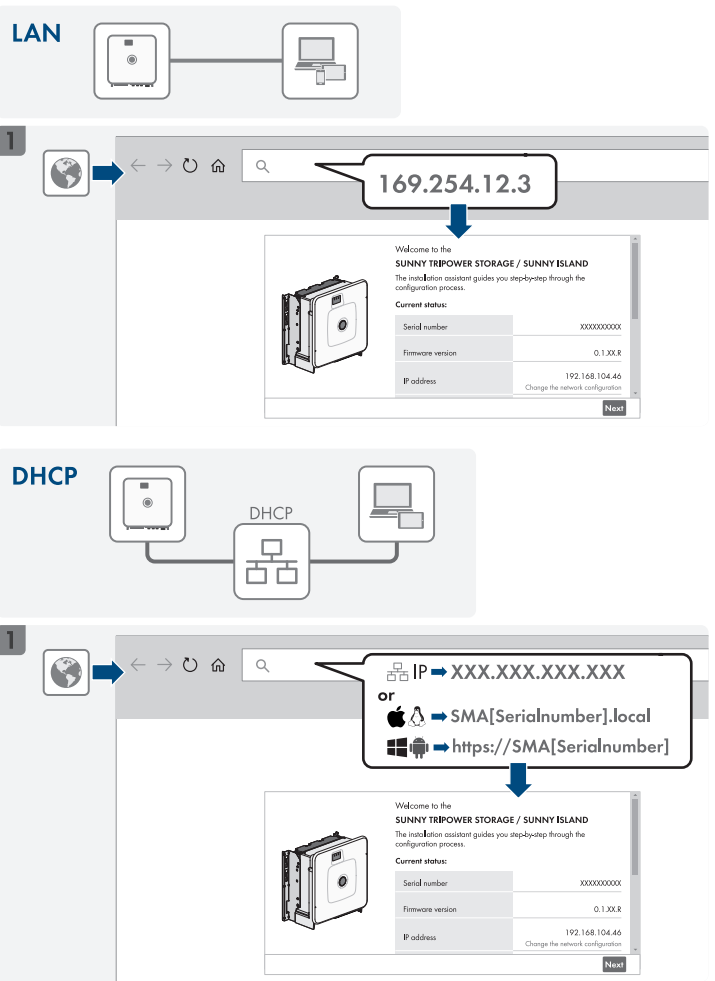
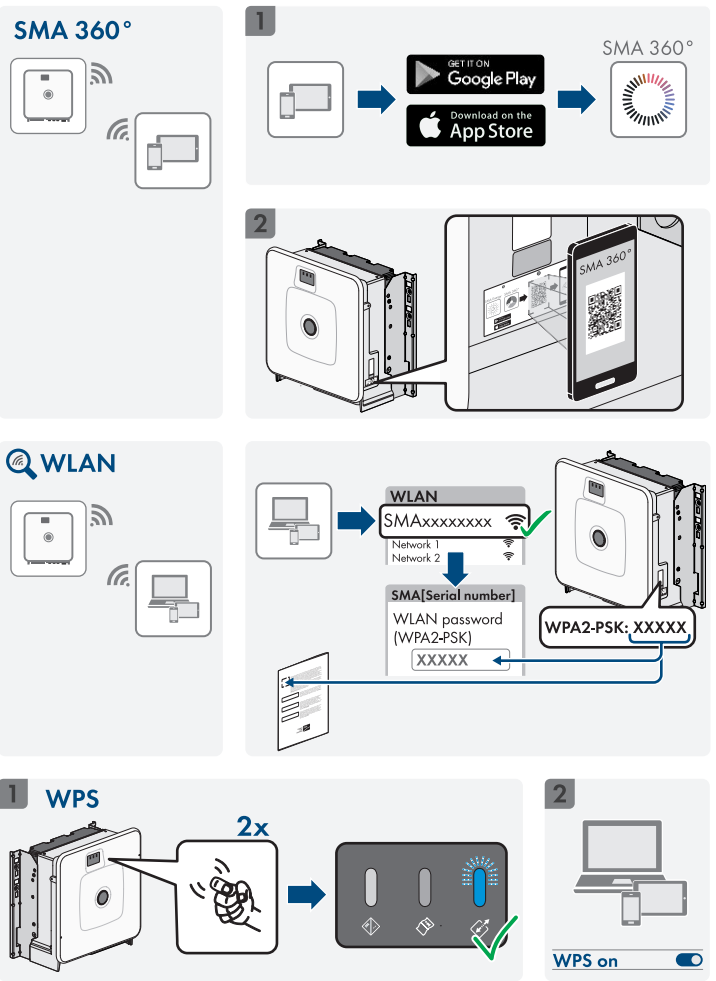
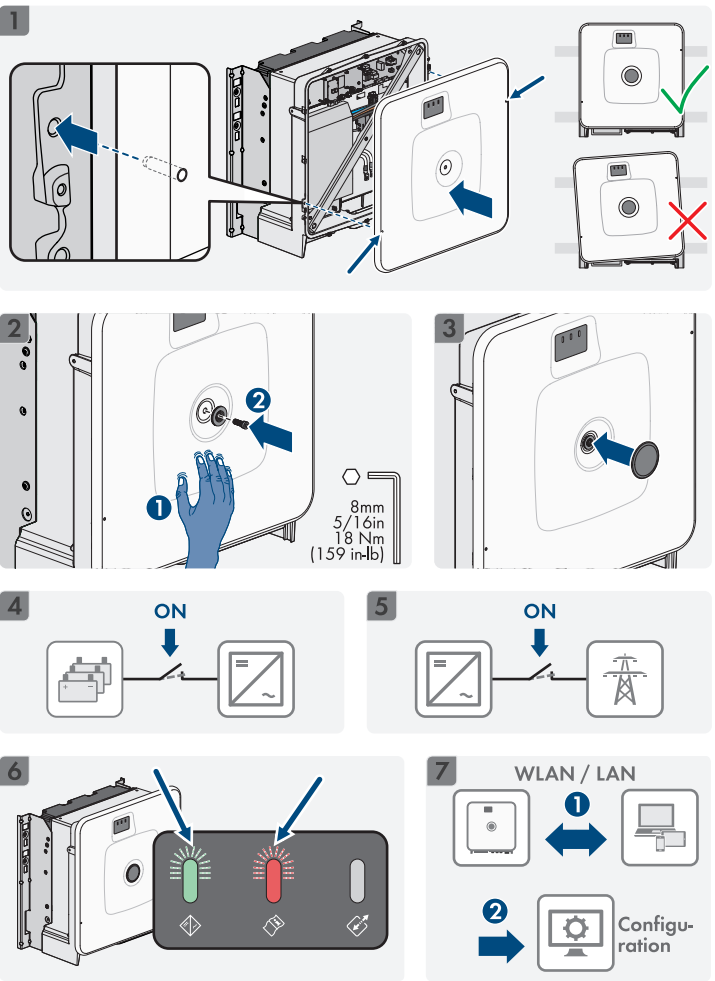
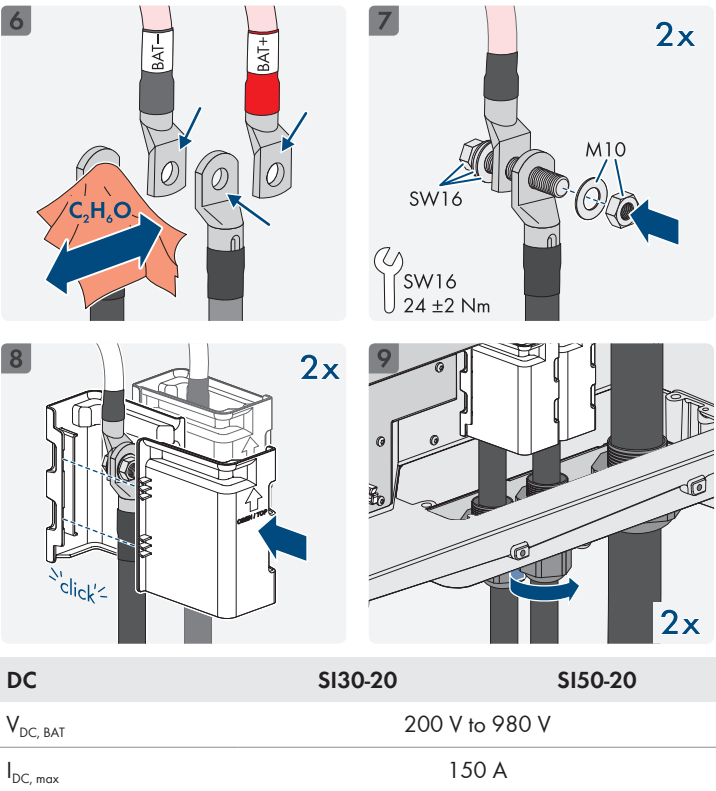
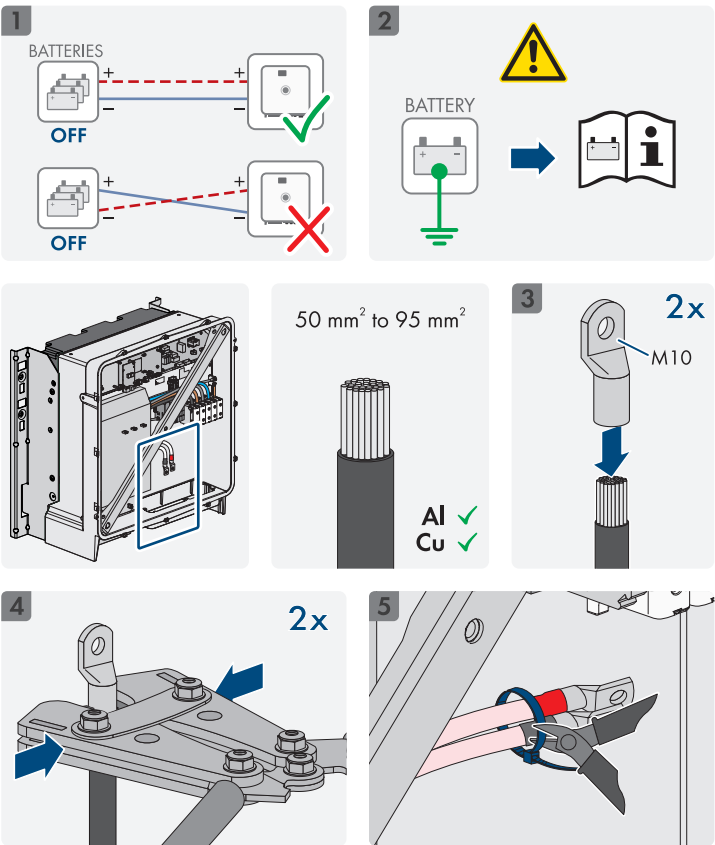
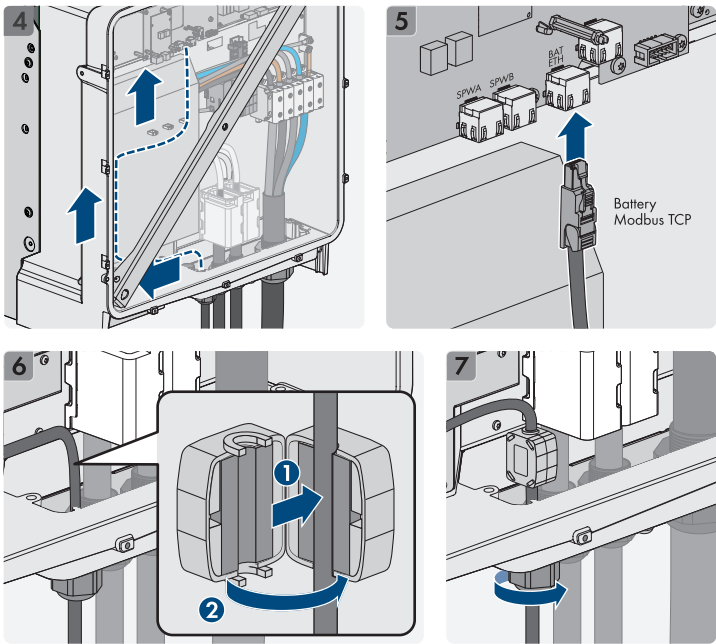


6



7





Topology	no galvanic isolation
Overvoltage category in accordance with IEC 60664-1	III
Protection class in accordance with IEC 61140	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



<https://go.sma.de/service>