

DC Switch Box

Two MPPT Tracker

2 MPPT

This range of DC Solar Safety Boxes is designed for inverters equipped with two MPPT trackers.

To offer the best protection for your installation, each MPPT is equipped with a general emergency DC switch and a Citel Type 2 DC Surge Protection Device (Type 1+2 optional). The range goes from 1 to 4 strings with DC breaker and SPD and from 3 to 6 strings with DC breaker and added fuse protection (+ and -). Available with Staubli MC4 connectors on string entrance or cable glands.



DC2-20-1000-MC4-2S



DC2-40-3Fu15-1000-30-1000-MC4-5S

	2 Tracker MPPT					
Recommended for	1+1 string: 1 string on each MPPT Tracker <i>SMA STP8-STP10</i>	2+1 string: 2 strings on MPPT1, 1 string MPPT2 <i>Huawei 10-12 KTL, SMA STP15</i>	2+2 strings: 2 strings on each MPPT Tracker <i>SMA STP15, STP20, Delta RPi M15A, M20A...</i>	3+3 strings: 3 strings on each MPPT Tracker <i>SE50-55K</i>	3+2 string: 3 strings on MPPT1, 2 strings MPPT2 <i>SMA STP20, STP25, Fronius up to Symo 20.0</i>	3+3 strings: 3 strings on each MPPT Tracker <i>SMA STP25</i>
DC Breaker Switch Kraus&Naimer	2 x Breaker Switch 20A-1000v DC	1 x Breaker Switch 30A-1000v DC et 1 x 20A-1000v DC	2 x Breaker Switch 30A-1000v DC	2 x Breaker Switch 40A-1000v DC	1 x Breaker Switch 40A-1000v DC et 1 x 30A-1000v DC	2 x Breaker Switch 40A-1000v DC
Surge Protection Device	2 Parafoudres (1 par Tracker MPPT) Citel DC Type 2 1000v DC In20kA, I _{max} 40A					
Fuse Protection gPV 10x38	-	-	-	-	6 Fuses - 15A 1000V DC (3+ et 3-) for MPPT1 only	12 Fuses - 15A 1000V DC (3+ et 3-) for each MPPT
Photovoltaic cable	H1Z2Z2 (new PV1-F) 1500v DC					
Earth	Earth Terminal bloc 2x16mm ² + 5x10mm ²					
Plastic distribution box IP65	18 Modules, 286x418x148mm		2x12 Modules, 436x310x148mm	2x18 Modules, 436x418x148mm		3x18 Modules, 586x418x148mm
Net weight	3,5 kg	3,7 kg	4,1 kg	5 kg	5,4 kg	5,6 kg
Staubli MC4 connectors on string entrance	DC2-20-1000-MC4-2S	DC2-30-20-1000-MC4-3S	DC2-30-1000-MC4-4S	DC2-40-1000-MC4-6S	DC2-40-3Fu15-1000-30-1000-MC4-5S	DC2-40-3Fu15-1000-MC4-6S

Option Type 1+2 available : SPD ABB OVR 40-1000 DC T2 Certified Type 1+2 1000v DC In20kA, I_{max} 40kA



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