



JEBEL SCC200/SCC200HV

Smart MPPT controller, used together with JEBEL PCS for large scale solar projects.



Features



Modular design



Up to 8 MPPTs



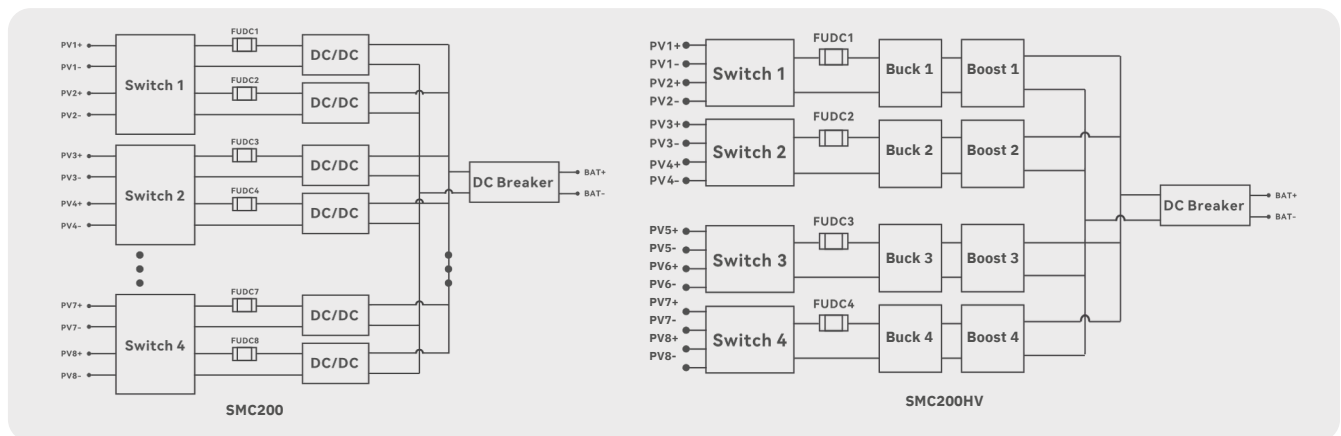
Transformerless design



Multiple units parallelable

	SCC200	SCC200HV
Input(PV)		
Max. PV power	200kW	200kW
Rated PV power	180kW	180kW
MPPT voltage range	900V-1300V	900V-1300V
Max. input current	160A (20A*8)	160A(20A*8)
Number of MPPT	8	4
Output (Battery and PCS)		
Output voltage	600V-900V(700V-900V full load)	900V-1500V(1250V-1500V full load)
Max. charge power	180kW	180kW
Max. charge current	280A	160A
Max. charge efficiency	99%	98%
Battery type	Lead-acid or lithium-ion	Lead-acid or lithium-ion
Protection		
Input & output OV/UV protection	Yes	Yes
Input & output OC protection Short circuit protection	Yes	Yes
Over temperature protection	Yes	Yes
Lightning protection	Type II	Type II
DC breaker	Yes	Yes
Emergency stop	Yes	Yes
General Information		
Protection degree	IP65	IP65
Noise emission	<65dB(A)@1m	<65dB(A)@1m
Operating temperature	-25 °C~+55 °C	-25 °C~+55 °C
Cooling method	Intelligent fan cooling	Intelligent fan cooling
Relative humidity	0-95% non-condensing	0-95%non-condensing
Max. altitude	6000m (derate over 3000m)	6000m (derate over 3000m)
Dimension (W/H/D)	780/770/210 mm	890/660/210 mm
Weight	65kg	68kg
Topology	Transformerless	Transformerless
Standby power	<100W	<100W
Communication		
Communication	RS485/CAN	RS485/CAN

Block Diagram



Note: The final configuration depends on the actual PV module parameters or project plan.



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