SMC 4600A / SMC 5000A / SMC 6000A



Safe

- Highly efficient OptiCool ventilation system
- > Electric separation
- Integrated ESS DC load disconnecting unit

Reliable

- > Worldwide SMA service and SMA Service Line
- Comprehensive SMA warranty program



SUNNY MINI CENTRAL

The Little Giants

The most impressive aspect of the Sunny Mini Centrals 4600A, 5000A and 6000A is their first-class efficiency: they reliably and consistently feed maximum energy yields into the public grid, while their graduated power classes guarantee maximum flexibility in system planning. They are suitable for implementation in smaller systems, as well as in the realization of solar parks with capacities of several hundred kilowatts.

Due to the robust aluminum die-cast housing, and the proven ventilation system OptiCool, these devices provide perfect temperature management. Thus, they achieve maximum yields, even at high ambient temperatures. The electric separation results in high flexibility: these Sunny Mini Centrals can be used with crystalline cells as well as with thin film modules.

Technical Data SUNNY MINI CENTRAL 4600A / 5000A / 6000A

SMC 4600A	SMC 5000A	SMC 6000A
5250 W	5750 W	6300 W
600 V	600 V	600 V
246 V - 480 V	246 V - 480 V	246 V - 480 V
26 A	26 A	26 A
1	1	1
4	4	4
4600 W	5000 W	6000 W
5000 W	5500 W	6000 W
26 A	26 A	26 A
220 V - 240 V / 180 V - 260 V	220 V - 240 V / 180 V - 260 V	220 V - 240 V / 180 V - 260 V
50 Hz / 60 Hz / ± 4.5 Hz	50 Hz / 60 Hz / ± 4.5 Hz	50 Hz / 60 Hz / ± 4.5 Hz
1	1	1
single-phase	single-phase	single-phase
96.1 %	96.1 %	96.1 %
95.2 %	95.2 %	95.2 %
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
468 / 613 / 242	468 / 613 / 242	468 / 613 / 242
62 kg	62 kg	63 kg
-25 °C +60 °C	-25 °C +60 °C	-25 °C +60 °C
	< 7 W / 0.25 W	<7W/0.25W
low frequency transformer	low frequency transformer	low frequency transformer
OptiCool	OptiCool	OptiCool
●/●	●/●	●/●
O/•/O	O/ ●/O	O/ ●/O
•	•	•
•	•	•
O/O	O/O	O/O
●/○	•/O	•/O
www.SMA.de	www.SMA.de	www.SMA.de
Values apply for nominal conditions		
	5250 W 600 V 246 V - 480 V 26 A 1 4 4600 W 5000 W 26 A 220V - 240V / 180V - 260V 50 Hz / 60 Hz / ± 4.5 Hz 1 single-phase 96.1 % 95.2 % 468 / 613 / 242 62 kg -25 °C +60 °C < 7 W / 0.25 W low frequency transformer OptiCool	5250 W 600 V 600 V 246 V - 480 V 26 A 26 A 1 1 4 4 4600 W 5000 W 5000 W 5000 W 5000 W 26 A 220V - 240V / 180V - 260V 26 A 220V - 240V / 180V - 260V 50 Hz / 60 Hz / ± 4.5 Hz 1 single-phase 96.1 % 95.2 % 95.2 % 95.2 % 468 / 613 / 242 62 kg -25 °C +60 °C < 7 W / 0.25 W low frequency transformer OptiCool