

**Technical parameters:**

<b>CEEG SI-100KT</b>	<b>CEEG SI-500KT</b>	<b>CEEG SI-500KTL</b>
110kWp	550kWp	550kWp
450V~820V	450V~820V	450V~820V
880V	880V	880V
250A	1200A	1200A
DC terminal block	DC terminal block	DC terminal block
Is	Is	Is
100KW	500KW	500KW
145A	722A	1200A
<3% (rated power)	<3% (rated power)	<3% (rated power)
400Vac	400Vac	300Vac
360V~440V	360V~440V	240V~360V
50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
47~51.5Hz/57~61.5Hz	47~51.5Hz/57~61.5Hz	47~51.5Hz/57~61.5Hz
0.90 (Advanced) ~0.90 (lag)	0.90 (Advanced) ~0.90 (lag)	0.90 (Advanced) ~0.90 (lag)
Is	Is	Is
Is	Is	Whether
97% (with transformer)	97.5% (with transformer)	98.2% (without transformer)
96.4% (with transformer)	96.8% (with transformer)	97.3% (without transformer)
IP20 (indoor)	IP20 (indoor)	IP20 (indoor)
<1%, at rated power	<1%, at rated power	<1%, at rated power
<30W	<100W	<100W
-20~40°C	-20~40°C	-20~40°C
0~95%, no condensation	0~95%, no condensation	0~95%, no condensation
6,000 m (Over 3,000 meters use Derating)	6,000 m (Over 3,000 meters use Derating)	6,000 m (Over 3,000 meters use Derating)
IP20 (indoor)	IP20 (indoor)	IP20 (indoor)

Air cooled	Air cooled	Air cooled
Touch screen	Touch screen	Touch screen
RS485	RS485	RS485
Ethernet	Ethernet	Ethernet
1200×1950×800 (mm)	2810×2100×820 (mm) +1900×2100×820 (mm)	2810×2100×820 (mm)
1143Kg	3450Kg	2350Kg
Reference standards EMC: EN61000-6-1 EN61000-6-4	Reference standards EMC: EN61000-6-1 EN61000-6-4	Reference standards EMC: EN61000-6-1 EN61000-6-4
Safety reference: IEC62109-1-2011 IEC62109-2-2011	Safety reference: IEC62109-1-2011 IEC62109-2-2011	Safety reference: IEC62109-1-2011 IEC62109-2-2011
Electrical properties of the reference standards: VDE0126-1-1	Electrical properties of the reference standards: VDE0126-1-1	Electrical properties of the reference standards: VDE0126-1-1
GF001:2010	GF001:2010	GF001:2010