

PV Module Type	SST	SST	SST	SST	SST	SST	SST	SST	SST	SST
	205-	210-	215-	220-	225-	230-	235-	240-	245-	250-
	60M	60M	60M	60M	60M	60M	60M	60M	60M	60M

Typical electrical data under STC-conditions

Nominal peak power P _{max} :	205 Wp	210 Wp	215 Wp	220 Wp	225 Wp	230 Wp	235 Wp	240 Wp	245 Wp	250 Wp
Nominal voltage U _{mpp} :	28,60 V	28,80 V	29,00 V	29,10 V	29,30 V	29,50 V	29,60 V	29,80 V	30,00 V	30,10 V
Nominal current I _{mp} :	7,17 A	7,30 A	7,42 A	7,57 A	7,68 A	7,80 A	7,94 A	8,06 A	8,17 A	8,31 A
Open-circuit voltage U _{oc} :	36,00 V	36,20 V	36,40 V	36,50 V	36,70 V	36,80 V	36,80 V	37,00 V	37,20 V	37,30 V
Short-circuit current I _{sc} :	8,08 A	8,14 A	8,20 A	8,28 A	8,36 A	8,45 A	8,54 A	8,62 A	8,69 A	8,78 A
Module efficiency:	14,30%	14,65%	15,00%	15,34%	15,69%	16,04%	16,39%	16,74%	17,09%	17,44%
Tolerance for electrical data	± 3 % for P _{max} , ± 10% for U _{oc} , I _{sc} , U _{mpp} and I _{mp}									

Typical temperature coefficients

Power:	-0,52 %/K
Short-circuit current:	0,03 %/K
Open-circuit voltage:	-0,37 %/K

Mechanical data

Length	1956 mm
Width	990 mm
Height	50 mm
Cells	6 x 10 Si monocrystalline 156 x 156 mm
Cell-matrix	EVA (ethylene vinyl acetate)
Connection box:	with 6 bypass diodes
Frame:	Anodised aluminium profile
Front glass	with toughened safety glass, 3,2 mm
Back	Composit film
Cable	length 900 mm, 1 x 4 mm ²
Max. Surface load capacity	tested up to 2.400 Pa according to IEC 61215
Hail	Maximum diameter of 25 mm with impact speed of 23 m.s ⁻¹

Allowed operation conditions

Max. system voltage:	1000 V
Temperature range:	-40°C to +85°C

Other data

Series fuse rating	15 A
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CEEG (Shanghai) Solar Science & Technology Co., Ltd, is owned by CEEG Group (China Electronic Equipment Group) and Hong Kong Xinde Group, which integrated with the research, development, production, sale and service of silicon solar modules.

