

Specifications of CSUN 240-60P Polycrystalline solar module

Type	CSUN 245-60P	CSUN 240-60P	CSUN 235-60P	CSUN 230-60P	CSUN 225-60P	CSUN 220-60P
Electrical typical data						
P _{mpp} [W]	245	240	235	230	225	220
V _{oc} [V]	37.1	36.9	36.8	36.7	36.6	36.4
I _{sc} [A]	8.74	8.67	8.59	8.52	8.40	8.32
V _{mpp} [V]	29.7	29.6	29.5	29.4	29.2	29
I _{mpp} [A]	8.25	8.11	7.97	7.83	7.71	7.59
Practical module efficiency	16.78%	16.44%	16.10%	15.75%	15.41%	15.07%
Module efficiency	15.09%	14.78%	14.47%	14.17%	13.86%	13.55%
Maximum system voltage [V]	1000					
Voltage temperature coefficient	-0.292%/K					
Current temperature coefficient	+0.045%/K					
Power temperature coefficient	-0.408%/K					
Series fuse rating [A]	15					
Cells	6×10 pieces polycrystalline solar cells series strings (156mm×156mm)					
Junction box	with 6 bypass diodes					
Cable	length 900 mm, 1×4 mm ²					
Front glass	White toughened safety glass, 3.2 mm					
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)					
Back sheet	composite film					
Frame	Anodized aluminum profile					
Dimensions	1640×990×50mm (L×W×H)					
Maximum surface load capacity	5,400 Pa					
Hail	maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹					
Temperature range	- 40 °C to + 85 °C					