

260-280W Industrial Crystalline Solar Module

CSE industrial 12V crystalline solar modules are designed to provide dependable & renewable power under all weather conditions.

- Completely weatherproof
- Rugged industrial construction making it ideal for all applications
- Pre-wired junction box & robust anodized aluminum frame with pre-drilled holes for quick installation
- Tempered glass lamination
- Designed for All off grid battery charging applications

Characteristics

Model	CSE-SA260C/24	CSE-SA280C/24
Open circuit voltage (Voc)	43.8V	43.8V
Optimum operating voltage(Vmp)	34.8 V	35.2 V
Short circuit current(Isc)	7.9A	8.3A
Optimum operating current(Imp)	7.47A	7.95A
Maximum power at STC(Pm)	260Wp	280Wp

STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5

Temperature and Coefficients

NOCT	48°C ± 2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(155 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

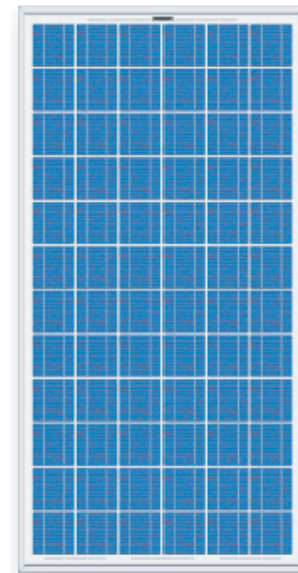
NOCT: Nominal Operation Cell Temperature

Specifications

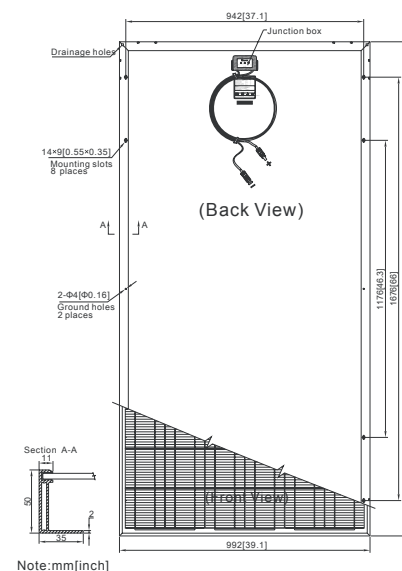
Cell	Multicrystalline silicon solar cells 156mm×156mm
No. of cells and connections	72(6×12)
Dimension of module(mm)	1956×992×50
Weight	23 kg
Certification	IEC-61215
Warranty	25 years limited warranty on power output 5 year limited warranty on materials and workmanship

Limits

Operating temperature	-40 to +85°C
Maximum system voltage	1000 V DC



CSE-SA260C/24



Output

Type of output terminal	Junction box
Cable	LAPP(4.0mm ²)
Asymmetrical lengths	1200mm(-) and 800mm(+)
Connection	MC Connectors