

MONO-CRYSTALLINE SOLAR MODULE

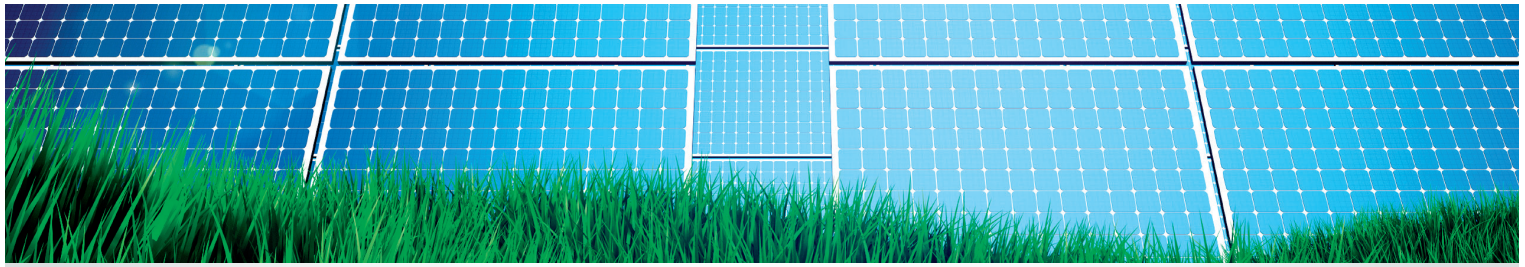
BCE 60 S

Product Data

- Highly efficient mono-crystalline solar cells
- Power range from 200W – 250W
- High quality, reliable module assembled using advanced encapsulation
- Rigorous testing to ensure durability in harsh weather conditions
- Tested up to at least 2.400 N/m² mechanical load
- Waterproof junction box with three by-pass diode
- Cells and modules from Austria



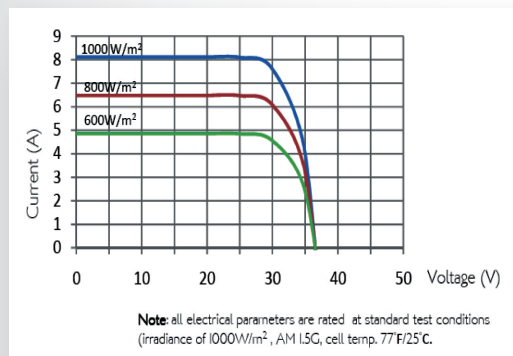
Sample picture



Technical specifications

Electrical parameters									
Max. power (Pm)	200W	205W	210W	215W	220W	225W	230W	235W	240W
Voltage at max. power (Ump)	28,78	29,76	30,06	30,24	30,54	30,66	30,96	31,14	31,42
Current at max. power (Imp)	7,00	7,02	7,06	7,12	7,27	7,37	7,49	7,55	7,64
Open-circuit voltage (Voc)	36,00	36,06	36,18	36,30	36,54	36,60	36,90	37,08	37,26
Short-circuit current (Isc)	7,75	8,23	8,44	8,48	8,53	8,57	8,63	8,67	8,70
Module efficiency (%)	12,47	12,78	13,09	13,41	13,72	14,03	14,34	14,65	14,96
Power tolerance (%)	+ / - 3%								
System voltage	1050V								
Rated cell operating temperature (°C)	43°C +-2°								
Temperature coefficient									
Open-circuit voltage	-0.36%/K								
Power	-0.47%/K								
Short-circuit current	+0.03%/K								
Test parameters									
Temperature operating range	-40°C to +85°C								
Maximum load test (e.g. wind, snow)	Max. 5.400 N/m²								
Hail stone impact test	diameter of the grains: 25mm, velocity: 23m/s								
Mechanical parameters									
Module dimensions L x W x H (mm)	1620 x 990 x 46								
Module weight (kg)	22								
junction box / connector	Kitani junction box DIN VDE 0126-S/05.08 with Kitani-connector								

IV Curve Parameters



Warranty & Certifications

Warranty	5 years product warranty 20 years power warranty (90% at 10 years, 80% at 20 years) (According to BCE-certificate of warranty)
Certifications	IEC61215
	Class C fire rating
	CE