

45 W Maximum Power

High Efficiency Mono-crystalline Solar Module

BENEFITS

- High and stable conversion efficiency based on over 7 years professional experience
- High reliability with guaranteed $\pm 3\%$ output power tolerance
- Proven materials, tempered front glass and a sturdy anodized aluminum frame allow modules to operate reliably in multiple mountly configuration
- Combination of high efficiency and attractive appearance

QUALITY AND SAFETY

- 25-year output power warranty
- ISO9001: 2008 (Quality Management System) certified factory
- IEC 61215, Safety tested IEC 61730, CE
- Product Liability Insurance guarantee end users' benefit
- Hail impact: 277 g steel ball falling from 1 m height, 60 m/s wind speed
increased snow load according to IEC 61215: up to 5400 N/m²
wind load and suction according to IEC 61215: up to 2400 N/m²



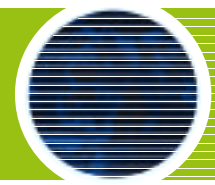
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Temperature Coefficients

NOCT	45 +/-2°C
Voltage temperature coefficient(Voc)	-0.36%/°C
Current temperature coefficient(Isc)	+0.033%/°C
Power temperature coefficient(Pmpp)	-0.44 % / °C
Minimum power tolerance	+/-5%

NOCT:Nominal Operating cell Temperature:-40°C to +85°C

Mechanical Data

Solar Cell	3 6 Mono-crystalline 125×62.5mm
Frame	Anodized aluminium
Weight	4.4Kg
Dimension	635×535×35mm

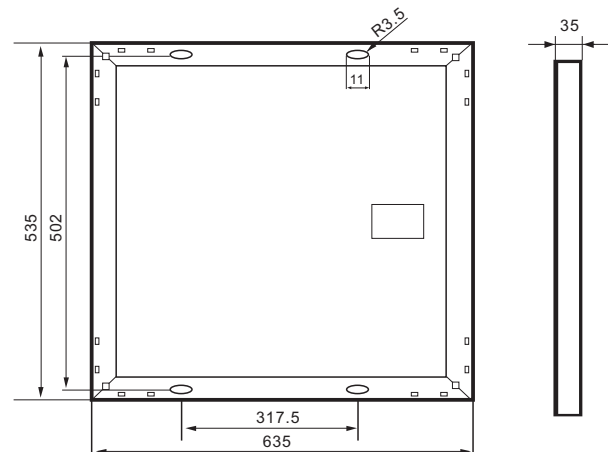
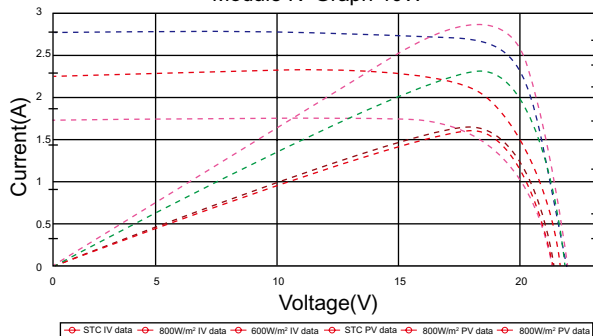
Electrical Data

Module Type	SL 040-12M	SL 040-12M
Nominal peak power(Wp)	40W	45W
Nominal voltage(Vmp)	17.2V	17.5V
Nominal current(Imp)	2.33A	2.57A
Open circuit voltage(Voc)	21.6V	22.0V
Short circuit current(Isc)	2.58A	2.86A
Module efficiency	11.8%	13.2%
Operating Temperatre	-40 to +85°C	-40 to +85°C
Maximum System Voltage	1000V DC	1000V DC

STC:1000W/m², 25°C, AM=1.5

Characteristics

Module IV Graph 40W



CAUTION:Read Safety And Installation.Instructions Before Using The Product. Go to www.sunlink-pv.com

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