

Solar Module SMH 1-0485

High-End Series

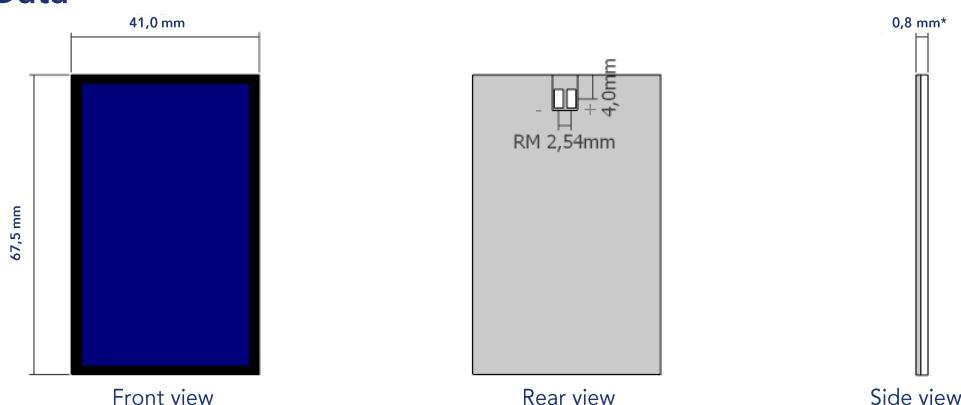
Description

High quality solar module based on monocrystalline solar cells for integration into electronic devices for outdoor and indoor use. Optimized for high reliability and esthetics.

Components and Design

Monocrystalline solar cells (c-Si), flat design with rear solder contacts, highly transparent and UV stable front encapsulation, black inner surface.

Technical Data



	Dimensions L x B x H (mm)	Power @ MPP (mW _P)	Voltage @ MPP (V)	Current @ MPP (mA)	Open circuit voltage (V)	Short circuit current (mA)
SMH 1-0485	67,5 x 41,0 x 0,8 ^(*)	462,0 \pm 10%	0,55 \pm 10%	840,0 \pm 10%	0,66 \pm 10%	906,02 \pm 10%
Temperature coefficient	V -1,8mV/°C	P - 0,32%/°C				

All electrical data @ STC (1000W/m² sunlight AM1,5, cell temperature 25°C)

Ambient temperature range: -30 ... +60°C

Outdoor class: IP65

Certificates, norms: CE, tested ref. to DIN 61215

Notes (*) = Thickness "H" is based on the type of covering that is used: 0,8mm with Clear Lack only (LA)

1,8mm with PU covering (PU)

2,3mm with Silicone & Plexiglas (PE)

Packaging / Unit:

Delivery in units of 50 modules

Quality check / Warranty:

All serial products are 100% optical & electrical tested. On request Q-mo solar can supply all solar modules with test certificate / protocol and performance warranty. We are manufacturing according to ISO 9001.

Subject to change without prior notice.

The information in these document as for example electrical descriptions, reference to norms etc. no takeover of a guarantee. Technical data are subject to change without notice.