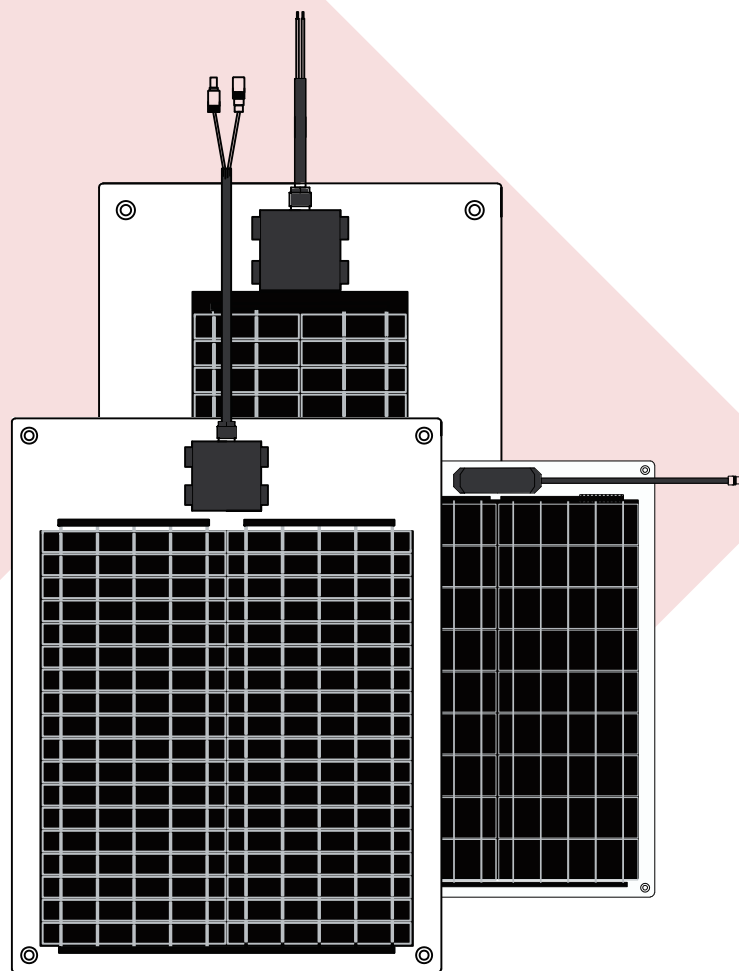


MicroFitシリーズ

10-50W

特注 PV モジュール



Light Weight

Frameless, Glass free



Flexibility

Special manufacturing process and materials provide bending ability



Aesthetic Apperance

Shingling Tech., High Consistency



Easy Installation

Light weight, easy for handling



Customized

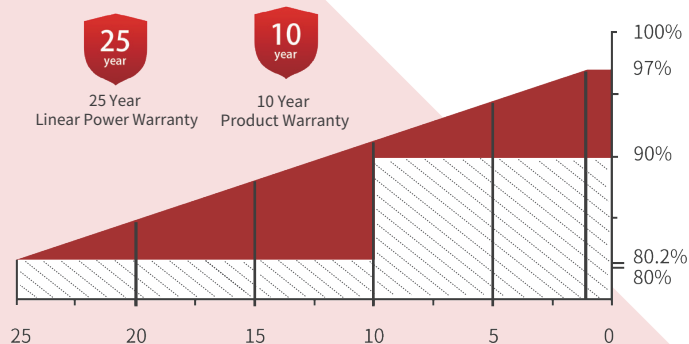
Provide Customized Service

Quality system: ISO 9001: 2005



Linear Performance Warranty

linear power warranty



ELECTRICAL CHARACTERISTICS

STC	HMN-10-EWAS	HMN-20-EWAS	HMN-50-EWAS
Maximum Power (P _{max})	10W	20W	50W
Maximum Power Voltage(V _{mp})	17.5V	17.5V	20.3V
Maximum Power Current(I _{mp})	0.57A	1.23A	2.47A
Open-circuit Voltage(V _{oc})	33V	21.6V	24.3V
Short-circuit Current(I _{sc})	0.62A	1.14A	2.75A
Module Efficiency(%)	19.29%	19.29%	19.29%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	600VDC		
Maximum Series Fuse Rating	15A		
Application Class	Class A		
Power Tolerance	0~5 W		

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

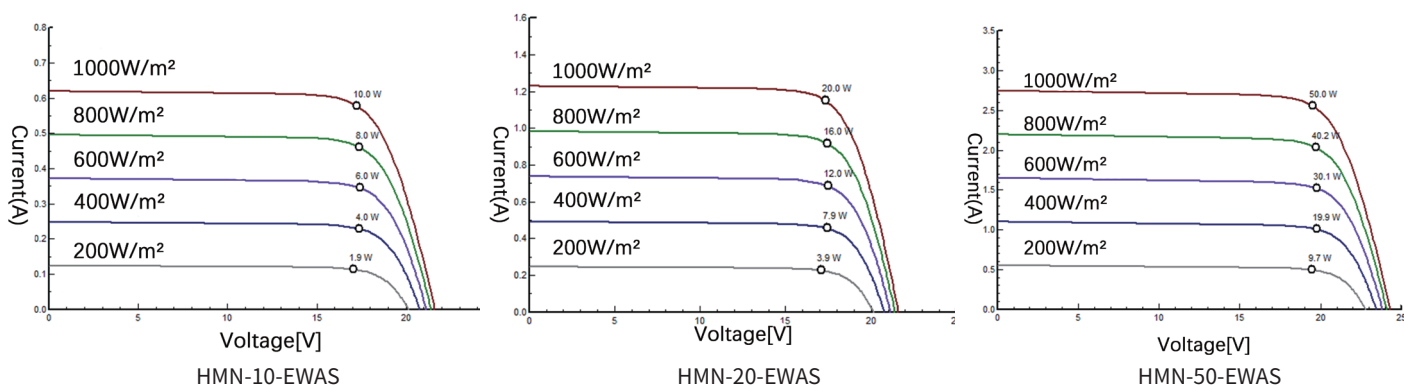
MECHANICAL CHARACTERISTICS

Solar Cell	HMN-10-EWAS	HMN-20-EWAS	HMN-50-EWAS
No. of cells	Monocrystalline silicon cell		
Module Dimensions	36 (18*2)	36 (18*2)	36(9*4)
Weight	L:481*W:301*H:4mm	L:481*W:373*H:4mm	L:508*W:683*H:4mm
Front Glass	0.6kg	0.7kg	1.3kg
Backsheet	White PV Backsheet		
J-Box	IP67		
Output cables	1.5~4mm ²		
Cable length	(+) (−) 500mm cable length can be customized		
Connector	MC4 compatible		

Packaging

module type/s	HMN-10-EWAS	HMN-20-EWAS	HMN-50-EWAS
Pieces per pallet	72	72	88
Container	20'GP	20'GP	20'GP
Pieces per container	1440	1440	704
Container	40'GP	40'GP	40'GP
Pieces per container	3168	3168	1408

I-V CURVE



TEMPERATURE CHARACTERISTICS

NOCT(Nominal Operating Cell Temperature)	41 ± 2°C
Temperature Coefficient of P _{max}	-0.38%/°C
Temperature Coefficient of V _{oc}	-0.28%/°C
Temperature Coefficient of I _{sc}	0.020%/°C



SUNPLUS ENERGY



<http://sunplus-jp.com>

info@sunplus-jp.com

サンプラスエナジー株式会社 SUNPLUS ENERGY Co., Ltd.