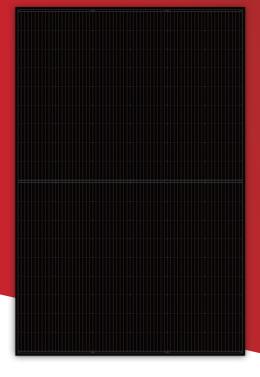


Zosma[™]S Black 395-405W (Full Black)

High Efficiency Half-Cell Mono PERC Module





Excellent low irradiance performance



Better light trapping and current collection to improve module power output and reliability



Industry-leading, lowest thermal coefficient



Optimized electrical design and lower operating current for reduced hot spot loss and better temperature



Certified to withstand 2400 Pa of wind load and 5400 Pa of snow load



100% triple EL test, which greatly reduces the hidden cracks rate

PERFORMANCE INSURANCE





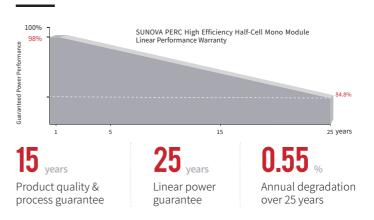






^{*} Optional performance warranty insurance. Please contact our local sales representatives for more information.

LINEAR PERFORMANCE WARRANTY



COMPREHENSIVE CERTIFICATES

















IEC61215/IEC61730/IEC61701/IEC62716/ IEC62804/IEC60068/UL61730

ISO 9001: Quality Management System

ISO 14001: Environmental Management System Standard

ISO 45001: International Occupational Health and

Safety Assessment System Standard

SA 8000: 2014 Social Accountability Management System

Make it happen! www.sunova-solar.com

^{*} Different markets have different certification requirements. Also, the products are under rapid innovation. Please confirm the certification status with regional sales representatives.

ELECTRICAL CHARACTERISTICS



Model of modules	SS-395-54MDH		SS-400-54MDH		SS-405-54MDH	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power — P _{mp} (W)	395	294	400	298	405	302
Open-circuit voltage — V _{oc} (V)	36.93	34.86	37.18	35.10	37.33	35.24
Short-circuit current — I _{sc} (A)	13.24	10.70	13.39	10.82	13.44	10.86
Maximum power voltage − V _{mp} (V)	31.21	29.22	31.42	29.41	31.55	29.54
Maximum power current — I _{mp} (A)	12.66	10.07	12.74	10.14	12.84	10.22
Module efficiency — η _m (%)	20.23		20.48		20.74	
Power tolerance (W)	(0,+5)					
Maximum system voltage (V)	1500					
Maximum rated fuse current (A)	25					
Current operating temperature (°C)	-40~+85 °C					

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25 °C, Spectra at AM1.5 NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s

Snow load: 5400 Pa / Wind load: 2400 Pa

STRUCTURAL CHARACTERISTICS

Module dimensions (L*W*H) 1722 x 1134 x 30 mm Weight 21.5 kg Number of cells 108 cells Cell PERC Monocrystalline Glass Tempered, 3.2 mm AR, High transmittance, Low iron Frame Black anodized aluminum alloy IP68, 3 bypass diodes Junction box 4.0 mm², wire length: 300mm / 1200mm / customized Output wire Connector MC4 Compatible

TEMPERATURE RATINGS

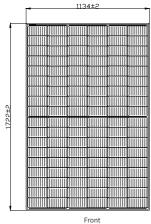
Temperature coefficient (P _{max})	-0.33 %/°C
Temperature coefficient (V _{oc})	-0.26 %/°C
Temperature coefficient (I _{sc})	+0.05 %/°C
Nominal operating cell temperature	43±2°C

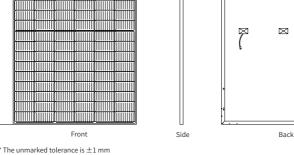
PACKAGING CONFIGURATION

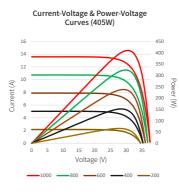
Container	40HQ	
Quantity/pallet	36	
Pallets/container	26	
Quantity/container	936	

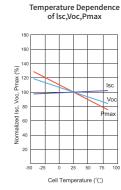
MODULE DIMENSIONS (MM)

Mechanical load









SUNOVA SOLAR Pv Tech Expert.



Web: www.sunova-solar.com

E-mail: info@sunova-solar.com

* The technical parameters contained in this datasheet may deviate slightly, Sunova Solar does not guarantee that they are completely accurate. Varying optional data could be for different regions or prices. Please contact commercial people for confirmation. Due to continuous innovation, research and development and product improvement, Sunova Solar reserves the right to adjust the information in this datasheet at any time without price. The customer should obtain the latest version of datasheet when signing the contract and make it an integral part of the binding contract signed by both parties. The Chinese (or other language) translation files of this datasheet are for reference only. If there is any inconsistency between the English version and the Chinese version (or other language versions), the English version shall prevail.

Make it happen! SD202312001EN

Length shown in mm