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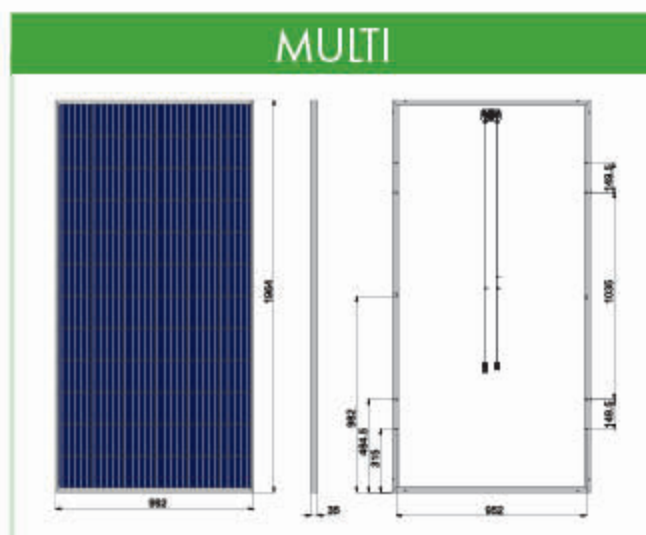
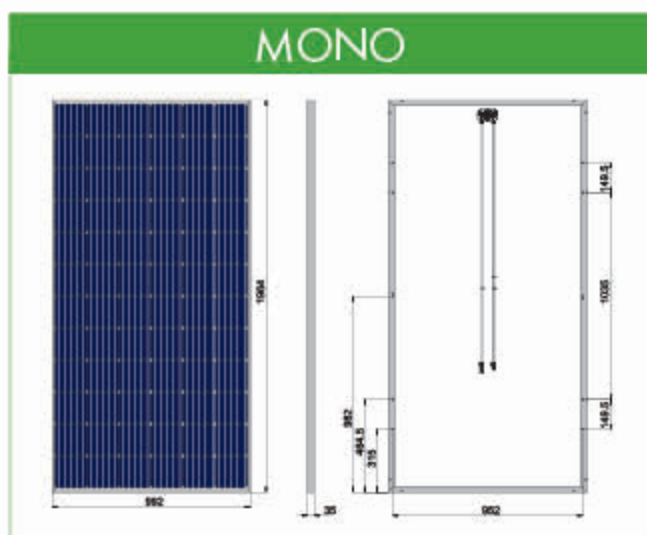
Solar Panel Guide Specification Data Sheet

**Shinsung E&G Co., Ltd.
SS-DM 350-360 Series
SS-DM355**

Also available on the web at
EnergyPal.com/shinsung-e-g-co-ltd-solar-panels/ss-dm355

5BB

72cell



Item	SS-DM350	SS-DM355	SS-DM360
Peak Power(Wp)	350	355	360
Open Circuit Voltage(V)	46.78	46.99	47.20
Short Circuit Current(A)	9.84	9.91	9.98
Voltage at Pmax(V)	37.82	38.02	38.23
Current at Pmax(A)	9.26	9.35	9.43
Efficiency(%)	17.96	18.22	18.48
Dimension(mm)	992 X 1,964 X 35		
Weight(Kg)	21.6±0.1		

Item	SS-DP315	SS-DP320	SS-DP325
Peak Power(Wp)	315	320	325
Open Circuit Voltage(V)	45.3	45.51	45.72
Short Circuit Current(A)	9.12	9.2	9.28
Voltage at Pmax(V)	36.72	36.92	37.12
Current at Pmax(A)	8.6	8.68	8.76
Efficiency(%)	16.17	16.42	16.68
Dimension(mm)	992 X 1,964 X 35		
Weight(Kg)	21.6±0.1		

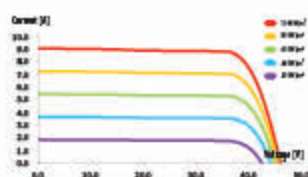
※ All data is tested under STC(Standard Test Conditions). Above data may be changed without prior notice.
 ※ Peak power tolerance 0~+3.0%

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 ※ Peak power tolerance 0~+3.0%

• Temperature Coefficient (Cell)

NOCT	45±3(°C)
$\alpha \Delta$ ISC	0.0476(%/degree)
$\beta \Delta$ VOC	-0.3070(%/degree)
$\gamma \Delta$ Pmax	-0.3753(%/degree)

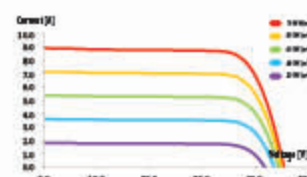
• I-V Curve



• Temperature Coefficient (Cell)

NOCT	45±3(°C)
$\alpha \Delta$ ISC	0.049(%/degree)
$\beta \Delta$ VOC	-0.333(%/degree)
$\gamma \Delta$ Pmax	-0.42(%/degree)

• I-V Curve



• Mechanical Characteristics

Solar Cells	156.75 x 156.75mm
Front Glass	Low Iron Tempered Glass
Junction Box	JM13D: IP67 / 3Bypass Diode
Output Cable	4mm ² Cable, MC 4(Compatible) Type
Frame	AL Alloy Type(Anodized)

• Tested Operation Conditions

Max Load	Mono: 550kgf/m ² (5400Pa) Multi: 734kgf/m ² (7200Pa)
Impact Resistance	25mm, 23m/s
Operating temperature	-40~+85°C
System Voltage	1,000V

• Safety Ratings & Warranties

Fire Safety Classification	Class "C"
Application classes	Class "A"
Salt-mist Corrosion Test	Tested
Visible Light Reflected	Mono (~ 5.00%), Multi(~ 5.00%) For more information, please contact us.
Warranty	10 Years limited Product Warranty 10 Years limited Power Warranty : 90% 25 Years limited Power Warranty : 80%
Certifications	IEC 61215 / IEC 61730