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Solar Panel Guide Specification Data Sheet

Wuhan Rixin Technology Co., Ltd.

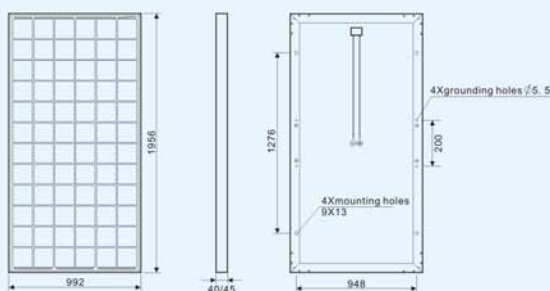
DBM275-290

DBM-275

Also available on the web at
EnergyPal.com/wuhan-rixin-technology-co-ltd-solar-panels/dbm-275

72cells Monocrystalline Solar Panel DBG330~345

Module drawing



Electrical Performance Parameters

Model	DBG-330	DBG-335	DBG-340	DBG-345
Maximum power at STC (Pm/Wp)	330	335	340	345
Maximum power voltage (Vmp/V)	38.0	38.2	38.37	38.55
Maximum power current (Imp/A)	8.68	8.77	8.86	8.95
Open circuit voltage (Voc/V)	46.3	46.5	46.8	47
Short circuit current (Isc/A)	9.4	9.49	9.58	9.67
Module efficiency (%)	16.9	17.2	17.4	17.67
Normal operating cell temperature (NOCT)	44.2±2°C			
Temperature coefficient of Voc	-0.29%/°C			
Temperature coefficient of Isc	0.05%/°C			
Temperature coefficient of Pm	-0.39%/°C			
Power tolerance (W)	0~+5			

*STC (AM1.5, 1000W/m², cell temperature 25°C)

Packing Information

Module dimension	Container (20GP)
pieces/pallet	25/23
pallets/stack	2
stacks/container	4
pieces/container	200/184
1956*992*40/45	Container (40HQ)
pieces/pallet	25/23
pallets/stack	2
stacks/container	11
pieces/container	550/506



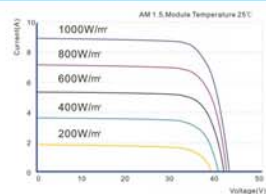
Mechanical Performance Parameters

Cell dimension (mm)	156.75*156.75Mono
Module dimension (L*W*H) (mm)	1956*992*40/45
Module weight (kg)	23
Cable section (mm ²)	4
Cable length(mm)	900
Cell Nos & array	72 (6*12)
Diode Nos	3

Quality Parameters

Maximum system voltage (VDC)	1000
Module working temperature range (°C)	-40~+85
System maximum protection current (A)	15
Maximum wind loads/maximum snow loads (Pa)	2400/5400
Hot-spot resistance	100%hot-spot free

I-V curve(330W)



Quality Warranty

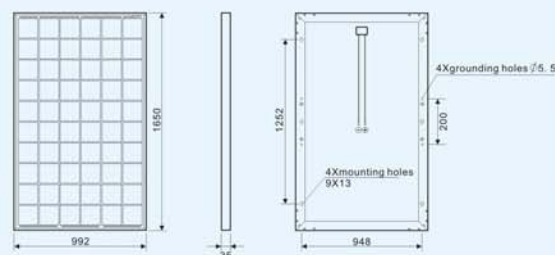
1-year output power ≥ 97%
10-year output power ≥ 90.7%
25-year output power ≥ 80.2%
10-year materials & workmanship warranty



Attention: Read safety and installation instructions before using. The parameters in this sheet are subject to change without prior notice.

60cells Monocrystalline Solar Panel DBM275~290

Module drawing



Electrical Performance Parameters

Model	DBM-275	DBM-280	DBM-285	DBM-290
Maximum power at STC (Pm/Wp)	275	280	285	290
Maximum power voltage (Vmp/V)	31.6	31.78	31.95	32.12
Maximum power current (Imp/A)	8.7	8.81	8.92	9.03
Open circuit voltage (Voc/V)	38.5	38.65	38.8	39
Short circuit current (Isc/A)	9.42	9.53	9.64	9.75
Module efficiency (%)	16.7	17.0	17.32	17.63
Normal operating cell temperature (NOCT)	44.2±2°C			
Temperature coefficient of Voc	-0.29%/°C			
Temperature coefficient of Isc	0.05%/°C			
Temperature coefficient of Pm	-0.39%/°C			
Power tolerance (W)	0~+5			

*STC (AM1.5, 1000W/m², cell temperature 25°C)

Packing Information

Module dimension	Container (20GP)
pieces/pallet	30
pallets/stack	2
stacks/container	6
pieces/container	360
1650*992*35	Container (40HQ)
pieces/pallet	30
pallets/stack	2
stacks/container	14
pieces/container	840



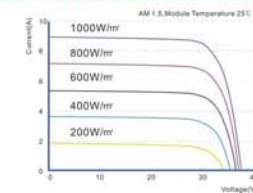
Mechanical Performance Parameters

Cell dimension (mm)	156.75*156.75Mono
Module dimension (L*W*H) (mm)	1650*992*35
Module weight (kg)	19
Cable section (mm ²)	4
Cable length(mm)	900
Cell Nos & array	60 (6*10)
Diode Nos	3

Quality Parameters

Maximum system voltage (VDC)	1000
Module working temperature range (°C)	-40~+85
System maximum protection current (A)	15
Maximum wind loads/maximum snow loads (Pa)	2400/5400
Hot-spot resistance	100%hot-spot free

I-V curve(275W)



Quality Warranty

1-year output power ≥ 97%
10-year output power ≥ 90.7%
25-year output power ≥ 80.2%
10-year materials & workmanship warranty



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