

PHOTOVOLTAIC MODULE AS-M602B-G (G1 CELLS)





320- 330 Wp 60 MONOCRYSTALLINE CELLS

AEG solar modules combine the most advanced technology with high reliability in manufacture to off er you a product meant for high achievements.



1500 V MAXIMUM SYSTEM VOLTAGE FOR IMPROVED BOS

AEG glass-glass solar modules are suitable for a maximum system voltage of 1500 V, thus improving the general BOS of your installation.



DEVELOPED FOR HARSHEST ENVIRONMENTS

AEG glass-glass solar modules are made for challenges and are designed to withstand extreme weather conditions..

COMPREHENSIVELY CERTIFIED

AEG solar modules and production facilities are compliant with the the latest standards to guarantee safety and reliability. Production facilities are certified according to ISO 9001, ISO 14001 and OHSAS 18001. AEG solar products are certified among others by:





www.aeg-industrialsolar.de

PREMIUM SERIES



PRODUCT NAMECODE (PNC) AS-M602B-G(G1)-320/325/330/HV

AS-M602B-G(G1)-320/325/330/H\black frame, black glass



AS-M602B-G (G1 CELLS)

PRODUCT	SERIES & NAMECODE (PNC)
AEG PREM	IUM SERIES
AS-M602B-	-G(G1)-320/325/330/HV
black frame	e, black glass

CERTIFICATIONS		
System	ISO 9001, ISO 14001, OHSAS 18001	
Product	IEC/EN 61215-1:2016, IEC/EN 61215-1-1:2016	
	IEC 61215-2:2016 (EN:2017), IEC/EN 61730-1 /-2:2018	

ELECTRICAL CHARACTERISTICS AT STC12				
Nominal Power (Pmax)	[Wp]	320	325	330
Power Sorting ³	[Wp]	-0/+5	-0/+5	-0/+5
Maximum Power Voltage (Vmp)	[V]	33.57	33.75	33.93
Maximum Power Current (Imp)	[A]	9.54	9.64	9.74
Open Circuit Voltage (Voc)	[V]	41.23	41.40	41.57
Short Circuit Current (Isc)	[A]	9.95	10.05	10.15
Module Efficiency (ηm)	[%]	19.03	19.33	19.63
Maximum System Voltage	[V]	1500	1500	1500
Series Fuse Maximum Rating	[A]	20	20	20

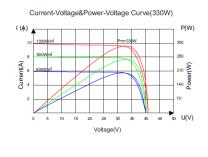
	1002	Rahmen (Sektion)
	952	35 H
20 69		Drainage holes
" /		Label
Connector (-)	c	Connector (+)
8/91		Grounding mark
2		Grounding holes
		8 x Mounting holes (14*9)
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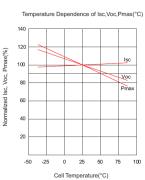


MECHANICAL CHARACTERISTICS			
Solar cells	monocrystalline [pcs]	60	
	Dimensions [mm]	G1 [158.75 x 158.75]	
Front glass	high-transparency	Black	
	Thickness [mm] / [in]	2 / 0.078	
Back glass	Thickness [mm] / [in]	2 / 0.078	
Encapsulant	EVA	Transparent	
Frame	Anodized aluminum alloy	Black	
Junction box	Split-type		
	Bypass diodes	3	
UV-resistant	Length [mm] / [in]	1300 / 51.18	
cables	Section [mm ²]	4	
Connectors	MC4	original	
Dimensions	HxLxW [mm]	1678 x 1002 x 35	
	HxLxW [in]	66.06 x 39.45 x 1.38	
Weight	[kg] / [lbs]	21.3 / 46.95	
Maximum load	Wind / Snow [Pa]	2400 / 5400	

TEMPERATURE CHARACTERISTICS			
NMOT ⁴	[°C]	42±3	
Pmax Temp. Coefficient (γ)	[%/°C]	-0.365	
Voc Temp. Coefficient (β)	[%/°C]	-0.270	
Isc Temp.Coefficient (α)	[%/°C]	+0.038	
Operating temperature	[°C]	-40~+85	

I/V CURVES - IRRADIANCES





PACKAGING		
Packing configuration	[pcs/pallet]	31
Loading capacity	[pcs/40 ft container]	806

WARRANTIES			
Product warranty	[years]	30	
Performance warranty (linear)5	[years]	30	

