



The project solution

**325 / 330 W**

Polycrystalline silicon photovoltaic modules



**12GW installed worldwide**

Make Sharp's pioneering solar modules the only choice for your project.

**72**  
cells



55 years of solar expertise



Guaranteed positive power tolerance (0/+5%)



Up to 17% module efficiency  
5-busbar cells for higher efficiencies



Proven Quality  
TÜV(IEC/EN61215, IEC/EN61730)  
Safety class II  
Application class A



Polycrystalline silicon photovoltaic modules

**10**  
YEARS

Product guarantee

**25**  
YEARS

Linear power output guarantee



Robust product design

Electrical data (STC)		ND-AH325	ND-AH330	
Maximum power	$P_{max}$	325	330	$W_p$
Open-circuit voltage	$V_{oc}$	46	46.2	V
Short-circuit current	$I_{sc}$	9.24	9.33	A
Voltage at point of maximum power	$V_{mpp}$	37.6	37.8	V
Current at point of maximum power	$I_{mpp}$	8.64	8.73	A
Module efficiency	$\eta_m$	16.7	17.0	%

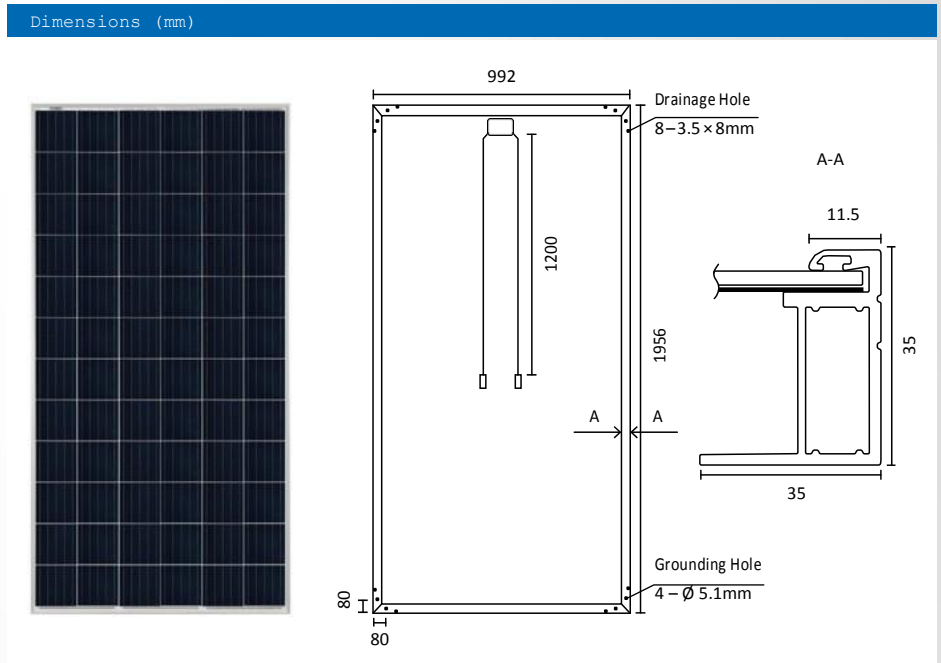
STC = Standard Test Conditions: irradiance 1,000 W/m<sup>2</sup>, AM 1.5, cell temperature 25 °C.

Rated electrical characteristics are within ±10 % of the indicated values of Isc, Voc and 0 to +5 % of Pmax (power measurement tolerance ±3 %).

Electrical data (NOCT)		ND-AH325	ND-AH330	
Maximum power	$P_{max}$	240.5	244.3	$W_p$
Open-circuit voltage	$V_{oc}$	42.6	42.7	V
Short-circuit current	$I_{sc}$	7.47	7.54	A
Voltage at point of maximum power	$V_{mpp}$	34.6	34.7	V
Current at point of maximum power	$I_{mpp}$	6.96	7.03	A

Module operating temperature at 800 W/m<sup>2</sup> irradiance, air temperature of 20 °C, wind speed of 1 m/s. NOCT = 45°C.

Mechanical data	
Length	1,956 mm
Width	992 mm
Depth	35 mm
Weight	22.2 kg



Temperature coefficient	
$P_{max}$	-0.41 %/°C
$V_{oc}$	-0.32 %/°C
$I_{sc}$	0.055 %/°C

Limit values	
Maximum system voltage	1,000 VDC
Over-current protection	15 A
Temperature range	-40 to +85 °C
Max. mechanical load (snow / wind)*	2,400 Pa

General data	
Cells	polycrystalline, 156.75 mm x 156.75 mm, 72 cells in series
Front glass	low iron tempered glass, 3.2 mm
Frame	anodized aluminium alloy, silver
Connection box	IP68, 3 bypass diodes
Cable	4.0 mm <sup>2</sup> , length 1,200 mm
Connector	PV-XT101.1, SUZHOU XTONG PHOTOVOLTAIC TECHNOLOGY Co. Ltd

Packaging data	
Modules per pallet	30 pcs
Pallet size (L x W x H)	1,995 x 1,150 x 1,123 mm
Pallet weight	740 kg

Empower yourself

[www.sharp.eu](http://www.sharp.eu)



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**Contact Installer**

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Note: Technical data is subject to change without prior notice. Before using Sharp products, please request the latest data sheets from Sharp. Sharp accepts no responsibility for damage to devices which have been equipped with Sharp products on the basis of unverified information. The specifications may deviate slightly and are not guaranteed. Installation and operating instructions are to be found in the corresponding handbooks, or can be downloaded from [www.sharp.eu/solar](http://www.sharp.eu/solar). This module should not be directly connected to a load.