

SHARP

ND-AH325 | 325 W
ND-AH330 | 330 W

The project solution

325/330 W

Polycrystalline silicon photovoltaic modules



12 GW 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/EN 61215, 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	η_m	16.7	17.0	%

STC = Standard Test Conditions: irradiance 1,000 W/m², AM 1.5, cell temperature 25 °C.

Rated electrical characteristics are within ±10 % of the indicated values of I_{sc} , V_{oc} and 0 to +5 % of P_{max} (power measurement tolerance ±3 %).

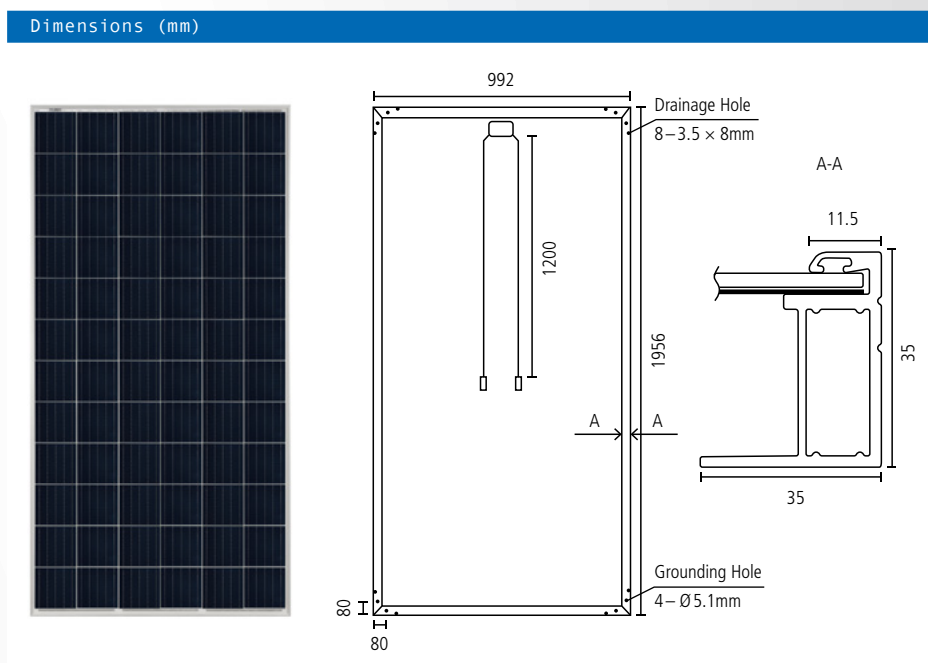
Electrical data (NOCT)				
		ND-AH325	ND-AH330	
Maximum power	P_{max}	240.5	244.3	W_p
Open-circuit voltage	V_{oc}	42.6	42.7	V
Short-circuit current	I_{sc}	7.47	7.54	A
Voltage at point of maximum power	V_{mpp}	34.6	34.7	V
Current at point of maximum power	I_{mpp}	6.96	7.03	A

Module operating temperature at 800 W/m² 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



*Please refer to Sharp's installation manual for details.

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 ² , 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



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SHARP

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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. This module should not be directly connected to a load.