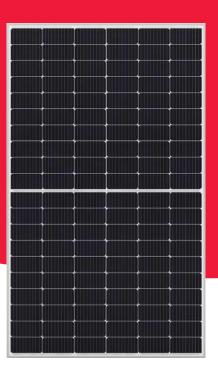
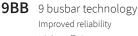
NU-JC370 370 W The High Performer



Powerful product features



Guaranteed positive power tolerance (0/+5 %)



Improved reliability Higher efficiency Reduced series resistance



Tested and certified VDE, IEC/EN61215, IEC/EN61730



C € Safety class II, CE Fire rating class C



High module efficiency 20.0 % PERC monocrystalline silicon photovoltaic modules



Half-cut cell Improved shading performance Lower internal losses Reduced hot spot risk



Robust product design PID resistance test passed Salt mist test passed (IEC61701) Ammonia test passed (IEC62716) Dust and sand test passed (IEC60068)

Your solar partner for life



60 years of solar expertise



Linear power output guarantee



Product guarantee



Local support team in Europe



50 million PV modules installed



Tier 1 - BloombergNEF



Energy Solutions



Electrical data (STC)			
		NU-JC370	
Maximum power	P _{max}	370	Wp
Open-circuit voltage	Voc	40.81	V
Short-circuit current	I _{sc}	11.54	А
Voltage at point of maximum power	V _{mpp}	34.42	V
Current at point of maximum power	Ітрр	10.75	А
Module efficiency	ηm	20.0	%

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}, Vo_C and 0 to +5 % of P_{max} (power measurement tolerance ±3 %). Reduction of efficiency from an irradiance change of 1,000 W/m² to 200 W/m² (Tmodule = 25 °C) is less than 3 %.

Electrical data (NMOT)			
		NU-JC370	
Maximum power	P _{max}	276.53	Wp
Open-circuit voltage	Voc	38.56	V
Short-circuit current	I _{sc}	9.25	А
Voltage at point of maximum power	V_{mpp}	30.97	V
Current at point of maximum power	Impp	8.93	А

 $NMOT = Nominal\ Module\ Operating\ Temperature: 45\ ^{\circ}C, irradiance\ 800\ W/m^{2}, air\ temperature\ of\ 20\ ^{\circ}C, wind\ speed\ of\ 1\ m/s.$

Mechanical data	
Length	1,765 mm
Width	1,048 mm
Depth	35 mm
Weight	21.0 kg

Temperature coefficient		
P _{max}	-0.347 %/°C	
Voc	-0.263 %/°C	
I _{sc}	0.057 %/°C	

Limit values	
Maximum system voltage	1,000 V DC
Over-current protection	20 A
Temperature range	-40 to 85 °C
Max. mechanical load (snow/wind)	2,400 Pa
Tested snow load	5,400 Pa

Packaging data	
Modules per pallet	31 pcs
Pallet size (L × W × H)	1.80 m x 1.13 m x 1.24 m
Pallet weight	Approx. 685 kg

1048 -Mounting hole 4×Φ9 1765 \mathbb{Q}

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

General data	
Cells	Half-cut cell mono, 166 mm x 83 mm, 9BB, 2 strings of 60 cells in series
Front glass	Anti-reflective high transmissive low iron tempered glass, 3.2 mm
Frame	Anodized aluminium alloy, silver
Backsheet	White
Cable	ø 4.0 mm², length 1,250 mm
Connection box	IP68 rating, 3 bypass diodes
Connector	MC4 (Multi Contact, Stäubli), IP68

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