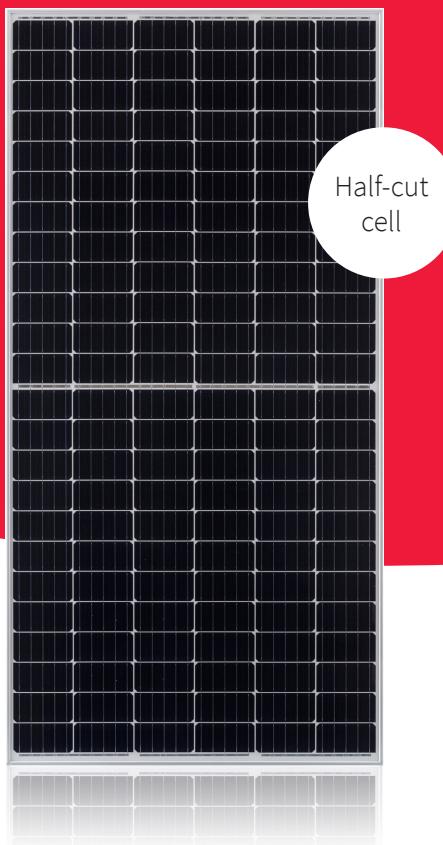


NU-JB Series

395W

The Project Solution



Powerful product features



Max. system voltage 1,500 V
Lower BOS costs by longer strings



Guaranteed positive power tolerance (0/+5%)



PERC monocrystalline silicon photovoltaic modules
High module efficiency 19.6%



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



Safety class II, CE
Fire rating class C
MCS accredited product



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



5 busbar technology
Improved reliability
Higher efficiency
Reduced series resistance



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



Top PV brand award



Energy Solutions

SHARP
Be Original.

Electrical data (STC)

NU-JB395			
Maximum power	P _{max}	395	W _p
Open-circuit voltage	V _{oc}	49.45	V
Short-circuit current	I _{sc}	10.35	A
Voltage at point of maximum power	V _{mpp}	41.07	V
Current at point of maximum power	I _{mpp}	9.62	A
Module efficiency	η _m	19.6	%

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 (NMOT)

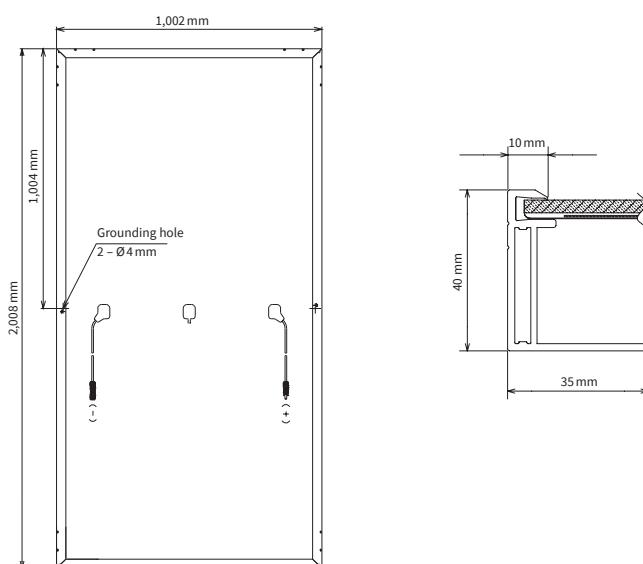
NU-JB395			
Maximum power	P _{max}	293.8	W _p
Open-circuit voltage	V _{oc}	46.87	V
Short-circuit current	I _{sc}	8.39	A
Voltage at point of maximum power	V _{mpp}	38.11	V
Current at point of maximum power	I _{mpp}	7.71	A

NMOT = Nominal Module Operating Temperature: 45 °C, irradiance 800 W/m², air temperature of 20 °C, wind speed of 1 m/s.

Mechanical data

Length	2,008 mm
Width	1,002 mm
Depth	40 mm
Weight	23.5 kg

Dimensions (mm)



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

Packaging data

Modules per pallet	26 pcs
Pallet size (L × W × H)	2.08 m × 1.12 m × 1.19 m
Pallet weight	Approx. 650 kg

General data

Cells	Half-cut cell mono, 159 mm × 79.5 mm, 2 strings of 72 cells in series
Front glass	Anti-reflective high transmissive low iron tempered glass, 3.2 mm
Frame	Anodized aluminium alloy, silver
Backsheet	White
Connection box	IP68 rating, 3 bypass diodes
Cable	Ø 4.0 mm ² , length 1,400 mm [or on request (+) 300 mm, (-) 100 mm]
Connector	C1, IP68

SHARP Electronics GmbH
Energy Solutions
Nagelsweg 33 – 35
20097 Hamburg, Germany
T: +49 40 2376 2436
E: SolarInfo.Europe@sharp.eu

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