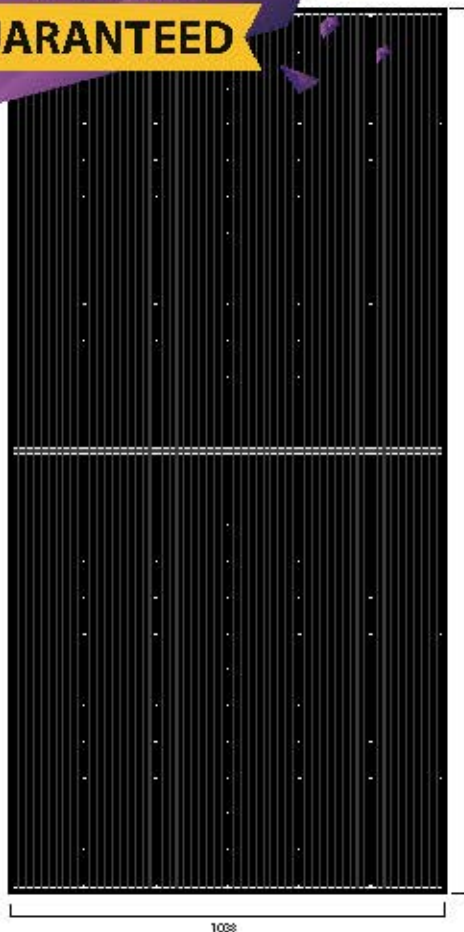




MONO
Half Cut
144 Cells

30
Years

GUARANTEED



Weight 23.5 kg

Packaging Configuration

PACKAGE	40'HQ Container	PALLET
PCS	682 PCS	31PCS

High Efficiency PERC Half Cut Mono Cells

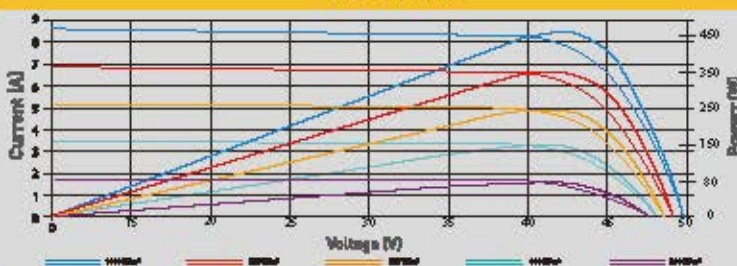
Electrical Characteristics

Item no.	Pmax	Vmp	Imp	Voc	Isc	Mod. Efficiency
HS435M-72-166	435W	40.70	10.70A	49.6V	11.53A	20.0%
HS440M-72-166	440W	40.90	10.77A	49.8V	11.60A	20.2%
HS445M-72-166	445W	41.00	10.86A	49.9V	11.72A	20.5%
HS450M-72-166	450W	41.10	10.96A	50.0V	11.83A	20.7%
HS455M-72-166	455W	41.20	11.06A	50.1V	11.96A	20.9%

Mechanical Characteristics

Solar Cell	Monocrystalline (166 x 83 mm)
Cells Quantity	144 (6 x 24)
Dimensions	2094 x 1038 x 35 mm
Glass	High Transmission Tempered Glass
Frame	Anodized Aluminium Alloy 35mm
Backsheet	White
Junction Box	TÜV Certified IP68
Series Fuse Rating	20A x 3 diodes
Maximum System Voltage	1500V DC TÜV
Output Cables	1100 mm / 4.0 mm ²
Test Standard Condition	AM=1.5 E=1000W/m ² TC=20°C
NOCT	45°C +/- 2°C
Temperature Coefficients:	Pmax -0.39%/K Voc -0.29%/K; Isc 0.049%/K

I-V Curve



CAUTION: read the installation instruction before using the product.

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HANOVER NEW ENERGY PTY LTD
7 Koorabel Place
Baulkham Hills NSW 2153
AUSTRALIA
+61 (0) 881 215 838



HANOVER SOLAR GmbH
Herrenstrasse 13
D30159 Hannover
GERMANY
+49 (0) 511 711 090 0539

HANOVER SOLAR BV
Vierlingweg 39A
Bergen op Zoom 4612PN
NETHERLANDS
+31 (0) 165 203 842