Article number:       231 206         Description:       231 206         Medule type:       Standard module         Frame:       Atuminium ancolidea diver (dimilar to PAL 7005, light ogr)         Size (W x H):       157 x 826 mm         Frame height:       157 x 826 mm         Gelf Connection arrangement:       In periods         Cell Connection arrangement:       10 gass: 50% of Pam         Color:       12 5 x 1255 mm         Metrical gap between cells:       2.0 mm         Distance from edge vertically:       235 mm         Distance from edge vertically:       235 mm         Distance from edge vertically:       235 mm         Distance from edge vertically:       24 mm opt dises         Mornial voltage:       Umap 7 34 ö. W         Conduct:       Umap 7 34 ö. W         Mornial voltage:       Umap 7 34	schűcc	SOLAR PRODUCTS PHOTOVOLTAICS		PV modules Standard modules	
Description:NEQ5E3EModuleStandard moduleModule type:Standard moduleFrame:Aluminium anodised silver (similar to RAL 7035, light grey)Size (W x H):1575 x 826 mmFrame height:46 mmFrame height:46 mmFrame height:46 mmGonfiguration:72 cells (12 x 6)Cell connection arrangement:In seriesCellPolycrystalline Light blueColour:12.5.5 x 125.5 mmDistance from edge horizontally:29.5 mmDistance from edge horizontally:29.5 mmDistance from edge vertically:3.0 mmVertical gap between cells:2.0 mmVertical gap between cells:2.0 mmDistance from edge vertically:3.0 mmNominal output: $Mpp$ 165 WpOpen-circuit voltage: $U_{dpr}$ 4.77 AOpen-circuit voltage: $U_{dc}$ 43.1 VNominal current: $I_{hpp}$ 4.77 AOpen-circuit voltage: $U_{dc}$ 43.1 VShort-circuit voltage: $U_{dc}$ 43.1 VMax. system voltage (SKL II): $U_{dc}$ 43.1 VModule design Front glass:3.2 mm opal glassSpace between cells:S.2 mm opal glassSpace between cells:					
Module       Module type:       Standard module         Module type:       Standard module         Frame (iminium anodised silver (similar to RAL 7035, light grey)       The use of a bypass diode minimises the fall in output in event of shade.         Size (W x H):       1575 x 826 mm         Frame height:       46 mm         Height of connecting box:       14 mm         Weight:       17 kg         Configuration:       72 cells (12 x 6)         Cell connection arrangement:       In series         Cell       Polycrystalline         Colour:       Light blue         Size:       125.5 x 125.5 mm         Horizontal gap between cells:       2.0 mm         Distance from edge horizontally:       29.5 mm         Distance from edge horizontally:       29.5 mm         Distance from edge vertically:       13.0 mm         Vertical       PMpe 165 Wp         Output tolerance: $1/_{2.5}$ %         Nominal voltage:       UMpP 34.6 V         Nominal voltage:       Umpe 4.77 A         Open-circuit voltage:       Uoc 43.1 V         Iss:       3.2 mm opal glass         Space between cells:       S.46 A         Max. system voltage (SKL II):       Usys         Usys			The Sharp NE	Q5E3E PV module builds on 40 years of	
Cell       Polycrystalline         Colur:       Light blue         Size:       125.5 x 125.5 mm         Horizontal gap between cells:       2.0 mm         Vertical gap between cells:       2.0 mm         Distance from edge horizontally:       29.5 mm         Distance from edge vertically:       13.0 mm         Strip conductors:       Vertical         Input and output values (STC: 1000 W/m²; 25°C; AM 1.5)       Sharp solar modules exceed the internationally def target values and meet the following requirements:         JIS (Japanese Industrial Standard)       IEC 61215, International Electrotechnical Commisse Worldwide Standard (TÜV / Rhineland)         Nominal output:       MMPP 165 Wp         Output tolerance:       +/_5 %         Nominal output:       JMPP 4.77 A         Open-circuit voltage:       Uoc 43.1 V         Short-circuit current:       Impe 4.77 A         Max. system voltage (SKL II):       Usys 1000 V         Module design       Fitted connecting cables with MC-T3 connectors         Front glass:       3.2 mm opal glass         Space between cells:       EVA with solar cells	Module type: Frame: Size (W x H): Frame height: Height of connecting box: Weight: Configuration:	Aluminium anodised silver (similar to RAL 7035, light grey) 1575 x 826 mm 46 mm 14 mm 17 kg 72 cells (12 x 6)	adverse environn The use of a by event of shade. The high perform achieves a modu To protect them the cells are em and cast EVA PVF-PET-PVT fc	nental conditions. pass diode minimises the fall in output in the nance module with a cell efficiency of 14.6% ile efficiency of 12.7%. against the harshest of climatic conditions, bedded between a toughened glass covering , and are sealed on the reverse with bil. The laminate is held in a robust, easy to	
<ul> <li>Ship conductors.</li> <li>Input and output values (STC: 1000 W/m<sup>2</sup>; 25°C; AM 1.5) Nominal output:</li> <li>PMPP 165 Wp Output tolerance:</li> <li>+/_5 %</li> <li>Nominal voltage:</li> <li>UMPP 34.6 V</li> <li>Nominal current:</li> <li>IMPP 4.77 A</li> <li>Open-circuit voltage:</li> <li>U<sub>oc</sub> 43.1 V</li> <li>Short-circuit current:</li> <li>I<sub>sc</sub> 5.46 A</li> <li>Max. system voltage (SKL II):</li> <li>U<sub>sys</sub> 1000 V</li> <li>Module design</li> <li>Front glass:</li> <li>3.2 mm opal glass</li> <li>Space between cells:</li> <li>EVA with solar cells</li> </ul>	<b>Cell</b> Cell type: Colour: Size: Horizontal gap between cells: Vertical gap between cells: Distance from edge horizontally:	Polycrystalline Light blue 125.5 x 125.5 mm 2.0 mm 2.0 mm 29.5 mm	<ul> <li>Performance g</li> <li>2-year product</li> <li>Each module with individual</li> <li>Sharp solar</li> </ul>	10 years: 90% of P <sub>Min</sub> et guarantee for end customers is subjected to a 100% final inspection, I detection of the electrical values. modules exceed the internationally defined	
Connection Connecting box with bypass diodes. Fitted connecting cable 0.9 m with MC-T3 plug system.	Strip conductors: Input and output values (STC: Nominal output: Output tolerance: Nominal voltage: Nominal current: Open-circuit voltage: Short-circuit current: Max. system voltage (SKL II): Module design Front glass: Space between cells: Reverse side:	1000 W/m <sup>2</sup> ; 25°C; AM 1.5) $P_{MPP}$ 165 Wp +/_ 5 % U <sub>MPP</sub> 34.6 V I <sub>MPP</sub> 4.77 A U <sub>oc</sub> 43.1 V I <sub>sc</sub> 5.46 A U <sub>sys</sub> 1000 V 3.2 mm opal glass EVA with solar cells PVF-PET-PVF foil Connecting box with bypass diodes. Fitted connecting cable 0.9 m with	<ul> <li>JIS (Japanese</li> <li>IEC 61215, Worldwide State</li> <li>DIN VDE prote</li> <li>Connecting both</li> </ul>	e Industrial Standard) International Electrotechnical Commission, andard (TÜV / Rhineland) ection class II (TÜV / Rhineland) ox with bypass diodes	

Packing unit

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