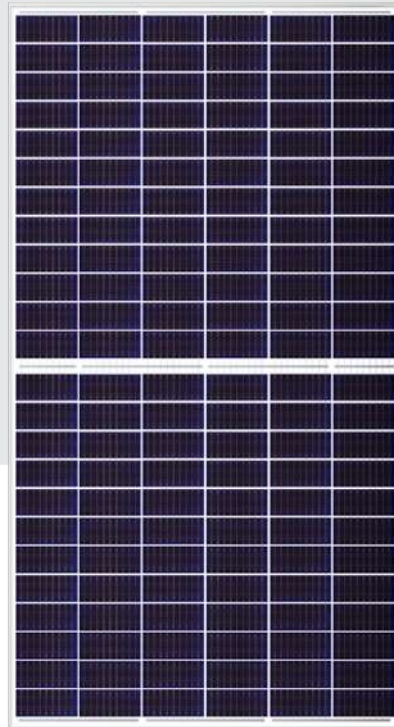


Canadian CS7L 600MS

MONO PERC MODULE 600MS



More Power



26 % more power than
conventional modules



Low NMOT: 41 ± 3 °C
Low temperature coefficient (Pmax):
-0.34 % / °C



Up to 4.5 % lower LCOE
Up to 2.7 % lower system cost



Better shading tolerance

More Reliable



Lower internal current,
lower hot spot temperature



Minimizes micro-crack impacts



Heavy Snow Load Up To 54400 Pa
Wind Load Up To 3600 Pa*

Utomo SolaRUV

Jl. Raya Darmo Permai II No.Selatan, Pradahkalikendal, Kec. Dukuhpakis, Kota Surabaya, Jawa Timur, Indonesia, 60187

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Utomo SolaRUV



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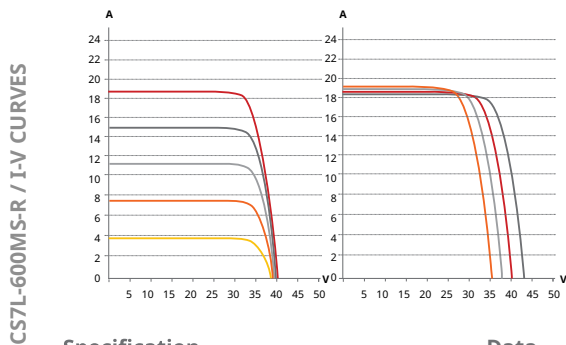
Utomosolaruv



SPECIFICATIONS

Module Type	600MS
Maximum Power (Pmax)	600 W
Opt. Operating Voltage (Vmp)	34.9 V
Opt. Operating Current (Imp)	17.20 A
Open-circuit Voltage (Voc)	41.30 V
Short-circuit Current (Isc)	18.47 A
Module Efficiency	21.2 %
Operating Temperature(°C)	-40°C ~ + 85 °C
Maximum system voltage	1500V (IEC/UL) or 1000V (IEC/UL)
Module Fire Performance	TYPE 1 (UL 61730 15000V) or TYPE 2 (UL 61730 1000V) or CLASS C (IEC 61730)
Max. Series Fuse Rating	30 A
Application Classification	CLASS A
Power Tolerance	0 ~ + 10 W

Electrical Performance & Temperature Dependence



Specification	Data
Temperature Coefficient (Pmax)	-0.34 % / °C
Temperature Coefficient (Voc)	-0.26 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

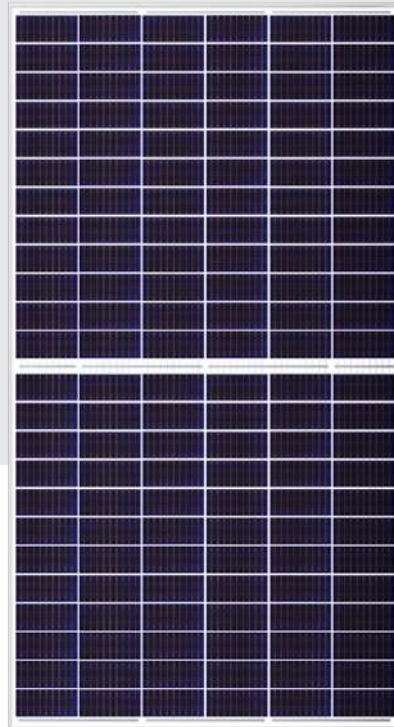
Mechanical Data

Cell Type	Mono-crystalline
Cells Arrangement	120 (2x(10 x 6))
Dimensions	2172 × 1303 × 35mm (85.5×51.3×1.38 inch)
Weight	31.0 kg (68.3 lbs)
Front Glass	3.2mm, Tempered Glass With Anti Reflective Coating
Connector	T4 Series Or MC40EVO2
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated 3 bypass diodes
Output Cables	4 mm (IEC), 12 AWG (UL) (+): 460mm, (-): 340mm or Customized Length



Canadian CS7N 665MS

MONO PERC MODULE 655MS



More Power



26 % more power than conventional modules



Low NMOT: 41 ± 3 °C
Low temperature coefficient (Pmax):
-0.34 % / °C



Up to 4.5 % lower LCOE
Up to 2.7 % lower system cost



Better shading tolerance

More Reliable



Lower internal current,
lower hot spot temperature



Minimizes micro-crack impacts



Heavy Snow Load Up To 54400 Pa
Wind Load Up To 3600 Pa*

Utomo SolaRUV

Jl. Raya Darmo Permai II No.Selatan, Pradahkalikendal, Kec. Dukuhpakis, Kota Surabaya, Jawa Timur, Indonesia, 60187

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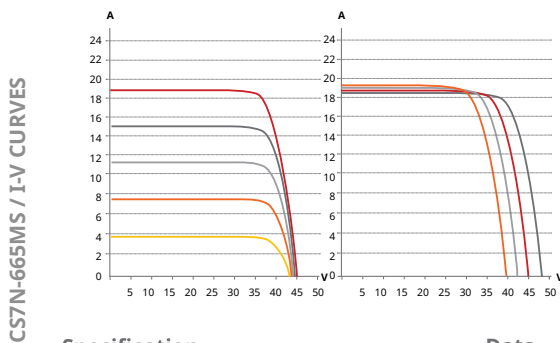
Utomosolaruv



SPECIFICATIONS

Module Type	665MS
Maximum Power (Pmax)	665 W
Opt. Operating Voltage (Vmp)	38.5 V
Opt. Operating Current (Imp)	17.28 A
Open-circuit Voltage (Voc)	45.6 V
Short-circuit Current (Isc)	18.51 A
Module Efficiency	21.4 %
Operating Temperature(°C)	-40°C ~ + 85 °C
Maximum system voltage	1500V (IEC/UL) or 1000V (IEC/UL)
Module Fire Performance	TYPE 1 (UL 61730 15000V) or TYPE 2 (UL 61730 1000V) or CLASS C (IEC 61730)
Max. Series Fuse Rating	30 A
Application Classification	CLASS A
Power Tolerance	0 ~ + 10 W

Electrical Performance & Temperature Dependence



Specification	Data
Temperature Coefficient (Pmax)	-0.34 % / °C
Temperature Coefficient (Voc)	-0.26 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

Mechanical Data

Cell Type	Mono-crystalline
Cells Arrangement	132 (2x(11x6))
Dimensions	2384×1303 × 35mm (93.9×51.3×1.38 inch)
Weight	34.4 kg (75.8 lbs)
Front Glass	3.2mm, Tempered Glass With Anti Reflective Coating
Connector	T4 Series Or MC40EVO2
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated 3 bypass diodes
Output Cables	4 mm (IEC), 12 AWG (UL) (+): 460mm, (-): 340mm or Customized Length

