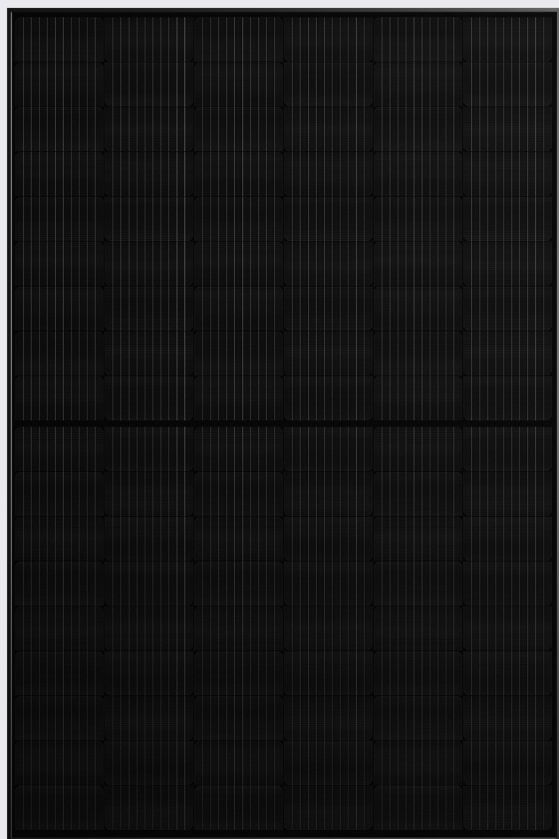


taylor.

PRODUCED BY
ENERGIE
Snnex



TOPCon Full Black
420-440W

SNX-D54HN(S)

integrated taylor. cell string optimizer.

cell-string level data for real-time performance insights.

temperature and maintenance shutdown lowers (fire) risk.

30 years linear power output warranty

taylor.solar

Datasheet
SNX-D54HN(S)



Electrical characteristics 123

Table with 11 columns: Module type, Performance (power tolerance 0~+5W), and electrical characteristics for power ratings 420, 425, 430, 435, and 440 W. Rows include Maximum Power-Pm (W), Open circuit voltage - Voc (V), Short circuit current - Isc (A), Maximum power voltage - Vm (V), Maximum power current - Im (A), and Module efficiency (%).

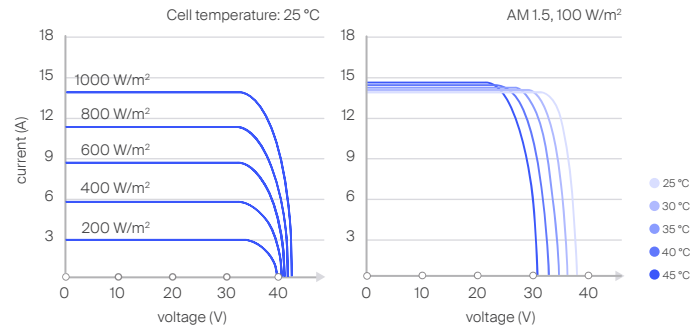
Temperature characteristics

Table with 2 columns: Parameter and Value. Rows include NMOT (43 °C), Temperature coefficient of Voc (-0.250% / °C), Temperature coefficient of Isc (+0.046% / °C), and Temperature coefficient of Pm (-0.310% / °C).

Maximum ratings

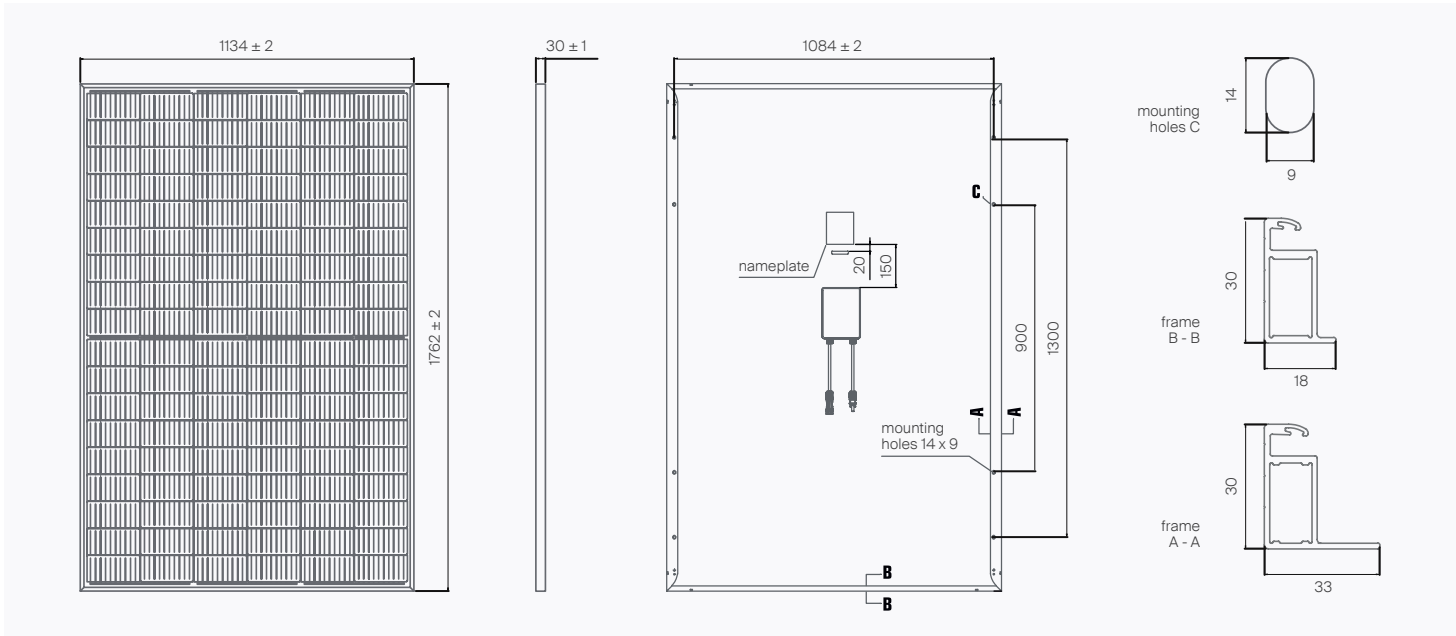
Table with 2 columns: Parameter and Value. Rows include Maximum system voltage (V), Series fuse rating (A), Maximum surface load capacity (Pa), Temperature range (°C), and Withstanding Hail.

I-V curve



Mechanical characteristics

Table with 4 columns: Mechanical characteristics, Dimensions, Cell orientation, and Junction Box. Rows include Dimensions (H x W x D), Weight, Front glass, Frame, Cells, Cell orientation, Junction Box, Cable / Connectors, and Packaging.



Warranty

Table with 2 columns: Warranty type and Duration. Rows include PV module warranty by Sonnex Energy GmbH (Product, Power, Power degradation, Annual power degradation, Guaranteed performance ratio) and Cell string optimizer warranty by Taylor Technologies B.V. (Product warranty).

Other characteristics

Table with 2 columns: Other characteristics and Value. Rows include PFAS free, IEC61215, IEC61730, ISO9001:2015, ISO14001:2015, and footnotes 1, 2, 3.