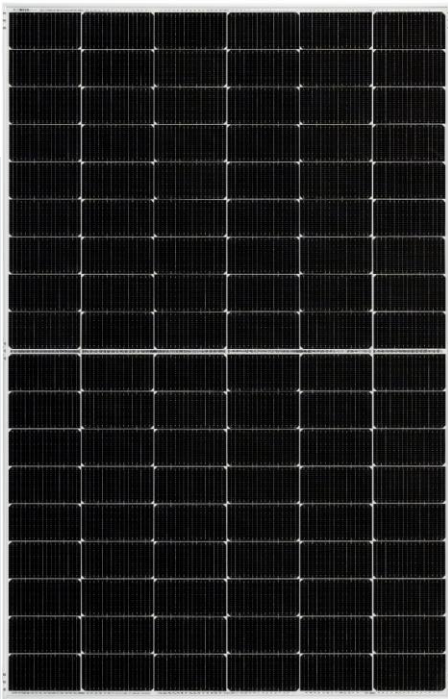


KT450W-108NL4

HIGH EFFICIENCY MONOCRYSTALLINE PHOTOVOLTAIC MODULE



SPECIFICATIONS

Electrical Performance under Standard Test Conditions (STC*1)

Maximum Power (Pmax)	450 W +10%, -0%
Maximum Power Voltage (Vpm)	33.91 V
Maximum Power Current (Ipm)	13.27 A
Open Circuit Voltage (Voc)	40.25 V +10%, -4%
Short Circuit Current (Isc)	14.17 A +10%, -4%
Max System Voltage	1500 V
Temperature Coefficient of Voltage	-0.251 %/°C
Temperature Coefficient of Current	0.048 %/°C
Module Efficiency	22.5 %

*1 STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

Cells

Number per Module	108
Cell Technology	N - mono crystalline

Module Characteristics

Length x Width x Depth without Box	1762 x 1134 x 35mm
Weight	25.4 kg

Others

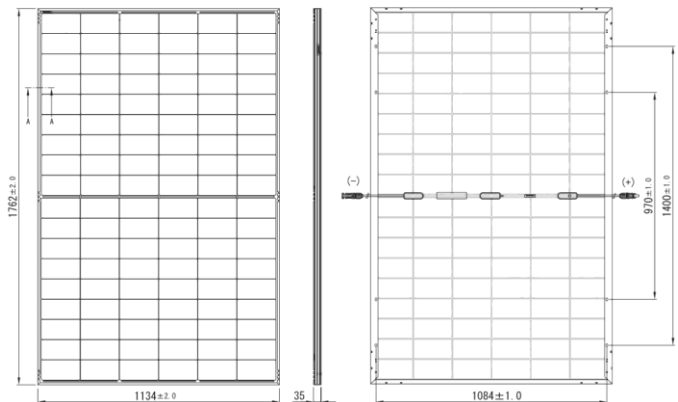
Series fuse rating	30 A
Mechanical load (Clamp fixing)	Pressure 2400 Pa

International Standards and Certifications

IEC 61215-2 : 2021
IEC 61730-2 : 2023
IEC 62804-1 : 2015
IEC 60068-2-68 : 1994
IEC 61701:2020 / IEC 62716:2013
ISO9001:2015 / ISO14001:2015



PHYSICAL SPECIFICATIONS



LIMITED WARRANTY

10-year Product Warranty
25-year Linear Performance Warranty*2

Notes :

*2 Long term output warranty shall warrant if the PV Module(s) exhibits, (a) within the first year, a power output of less than ninety-seven percent (97%) of the original power, and (b) starting at year two(2) through year twenty-four (24), a power output degradation rate greater than seven-tenths of one percent (0.7%) annually, and (c) within year twenty-five (25), a power output of less than eighty percent (80%) of the original power. Regarding the warranty conditions in detail, please refer to Warranty issued by Kyocera.

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