

KASANAKI®
OFF-GRID POWER FOR ON-ROAD LEGENDS

KSPF

400W
Solar Panel

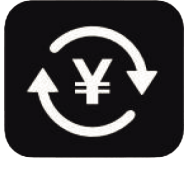


**Lightweight and Flexible,
Self Cleaning and dust-resistant**

PRODUCT FEATURES



Ultra-lightweight and highly flexible, suitable for a wide range of applications with low load-bearing requirements.



Proprietary encapsulation materials with outstanding weather resistance and moisture protection.



Self-cleaning surface minimizes dust accumulation and ensures long-term high performance.

TECHNICAL SUPPORT & ADVANCED MATERIAL TECHNOLOGIES

POLYMER CHAIN GROUP MODIFICATION TECHNOLOGY

- ° Front sheet light transmittance >91%.
- ° Water vapor transmission rate <0,8g/m²
- ° 25 year power warranty, ensuring long-term high performance

ENHANCED RESIN-FIBER INTERFACE TECHNOLOGY

- ° Static load resistance up to 5400 Pa.
- ° IEC 61215 hail test certified.
- ° TÜV wind tunnel tested, resistant to category 17 typhoons

NANO-HYBRID MODIFICATION AND SURFACE FIRE-RESISTANCE TREATMENT

- ° Passed flame spread and burn block tests.
- ° Does not collapse or spread sparks in mild fire scenarios.

NANO OXIDE COATING SELF-CLEANING TECHNOLOGY

- ° Inhibits static electricity and dust accumulation, reducing hot spot effects.
- ° Quick rinse cleaning boost power generation by 3-5%.

OPERATION CONDITIONS

MAXIMUM SYSTEM VOLTAGE	DC1500V(IEC)
MAXIMUM SERIES FUSE RATING	20A
OPERATING TEMPERATURE RANGE	-40°C / 85°C

TEMPERATURE COEFFICIENT

NOMINAL MODULE OPERATING TEMPERATURE (NMOT)	41+2°C
TEMPERATURE COEFFICIENT OF POWER	-0,36%/°C
TEMPERATURE COEFFICIENT OF VOLTAGE	-0,26%/°C
TEMPERATURE COEFFICIENT OF CURRENT	0,04%/°C

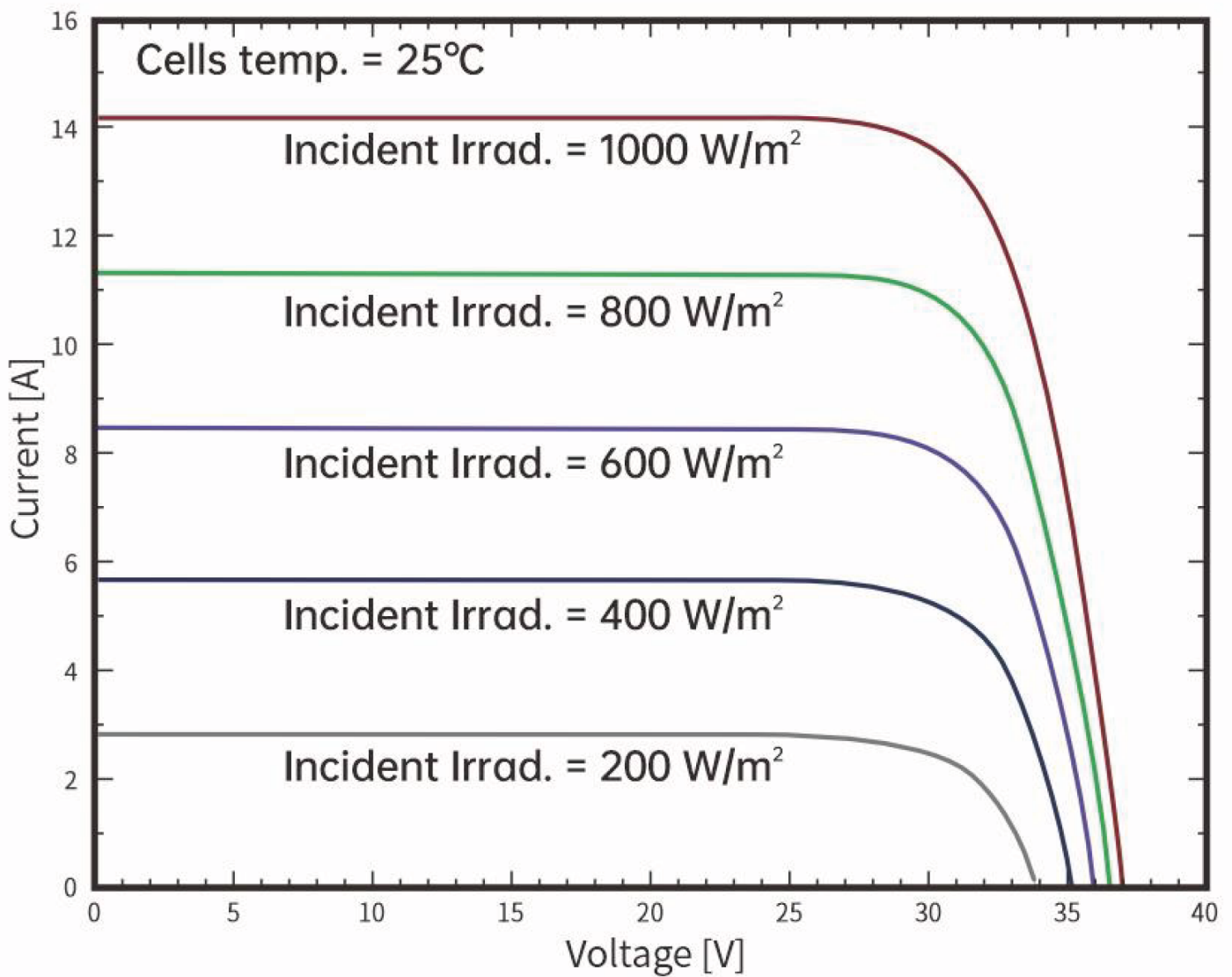
MECHANICAL CHARACTERISTICS

DIMENSIONS	1737mmx1142mmx2,5mm
WEIGHT	5,8KG
CELL	P-Type
ENCAPSULANT MATERIAL	EVA
BACKSHEET TYPE	White
BASE FRAME	Frameless
CONNECTOR TYPE	MC4-Compatible
JUNCTION BOX IP RATING	IP68
CABLE SPECIFICATION	4mm ² , 400mm
BENDING RADIUS	0,5m

ELECTRICAL CHARACTERISTICS AT STANDARD TEST CONDITIONS

MAXIMUM POWER(P _m)	400
MODULE EFFICIENCY	20,2

CURRENT-VOLTAGE CHARACTERISTICS AT VARYING IRRADIANCE



CURRENT-VOLTAGE CHARACTERISTICS AT VARYING CELL TEMPERATURE

