Wind Solutions Ltd.

HS-ION2K

FEATURES

1. High conversion efficiency.
2. Advanced technology for maximum power point tracking (MPPT).
3. >99% MPPT efficiency.
4. Wide input voltage range.
5. Without transformer.
6. Protection against reverse polarity, voltage surges, short circuits.
7. Powerful communication interfaces.
8. Integrated data logger available.
9. Easy operation and installation
10. Easy-to-set multilingual LCD display.
11. Adjustable protection/operation parameters

DC DATA	
Max. DC voltage	450 Vdc
MPPT voltage range	150V~380 V
Max. DC power	2800Wp
Ma x. input current	20A
Max. number of strings	2

AC DATA	
Output power	2500 W
Nominal grid-voltage	180~260Vac
Nominal grid- frequency	50Hz / 60Hz
Current THD (at nominal power)	< 3 %
Power Factor (at nominal power)	>0.99

SYSTEM	
Max Efficiency	95 %
Europe Efficiency	93 %
Protection degree	IP41(indoor)
Operation temperature	-20°C~+40°C
Cooling method	Natural cooling
Relative humidity	0~95% non condensing
Display	LCD
Communication interfaces (optional)	RS485 Ethernet / GPRS

MECHANICAL DATA	
Size: W | H | D (mm)	288 x 467 x 126
Weight	11.3kg

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