Wind Solutions Ltd.

HW-ION100K3

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.

DC INPUT	
Recommended Generator Rated Power	50kW
DC input voltage range	480~880Vdc
Ma x. input current	250A

AC OUTPUT	
Max. output power	To be asked
Nominal output power	100kW
Current THD (at nominal power)	< 3 %
Nominal grid-voltage	330~450Vac
Nominal output current	145A
Nominal grid- frequency	50Hz / 60Hz
Power Factor (at nominal power)	>0.99

SYSTEM	
Max Efficiency	96.2 %
Europe Efficiency	95.2 %
Protection degree	IP20(indoor)
Operation temperature	-20°C~+55°C
Cooling method	Natural cooling
Relative humidity	0~95% non condensing
Recommended controller	To be asked
Display	LCD
Communication interfaces (optional)	RS485 Ethernet / GPRS

MECHANICAL DATA	
Size: W | H | D (mm)	1020x1964x770
Weight	800kg

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