Wind Solutions Ltd.

PV
Grid-connected Inverter

HS-ION5KB

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	780 Vdc
MPPT voltage range	300V~650 V
Max. DC power	5500Wp
Ma x. input current	20A
Max. number of strings	4

AC DATA	
Output power	5000 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	94 %
Europe Efficiency	93 %
Protection degree	IP65(indoor)
Operation temperature	-25°C~+60°C
Cooling method	Controlled force-air colling
Relative humidity	0~95% non condensing
Display	LCD
Communication interfaces (optional)	RS485 Ethernet / GPRS

MECHANICAL DATA	
Size: W | H | D (mm)	410 x 580 x 283
Weight	65.0kg

Wind Solutions Ltd. / Tel: 519-289-2726 E-mail: sales@windsolutions.ca
P.O. BOX 20004 Suite 78, Front Street East Strathroy, Ontario, Canada. N7G 4L6