



Product Service

Attestation of Conformity

No. N8A 110557 0014 Rev. 00

Holder of Certificate: **MINDRA GREEN ENERGY LLP**
102, Devraj Industrial Park, OFF, Pirana Piplaj Road
Piplaj
Ahmedabad, Gujarat 382405
INDIA

Product: **Converter**
(Photovoltaic grid-connected inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290193056602A

Date, 2021-02-18

(Billy Qiu)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): MIND 3300, MIND 4300, MIND 4700,
MIND 5300, MIND 6000, MIND 3400,
MIND 5400, MIND 5600, MIND 5900

Parameters:

Model Specifications	MIND 3300	MIND 4300	MIND 4700	MIND 5300	MIND 6000
Input (DC)					
Max. DC power	4050W	5670W	6210W	6750W	8100W
Max. DC voltage	600Vd.c.				
Normal DC voltage	380Vd.c.				
MPPT voltage range	80V-550Vd.c.				
MPPT voltage range (full load)	280Vd.c.- 480Vd.c.	220Vd.c.- 480Vd.c.	210Vd.c.- 480Vd.c.	230Vd.c.- 480Vd.c.	280Vd.c.- 480Vd.c.
Number of MPP trackers	1	2	2	2	2
Strings per MPP tracker	1	1	1	1	1
Max. input current per MPPT tracker	12.5 Ad.c.	11 Ad.c.*2	12.5 Ad.c.*2	12.5 Ad.c.*2	12.5 Ad.c.*2
PV short circuit current	15.6 Ad.c.	13.2 Ad.c.*2	15.6 Ad.c.*2	15.6 Ad.c.*2	15.6 Ad.c.*2
Max. DC power	4050W	5670W	6210W	6750W	8100W
Output (AC)					
Normal AC output Power	3000W	4200W	4600W	5000W	6000W
Max. AC output Power	3300W	4620W	5060W	5500W	6600W
Max. AC apparent Power	3300VA	4620VA	5060VA	5500VA	6600VA
Normal AC voltage	230Va.c.				
Normal AC grid frequency	50 Hz				
Max. output current	14.5Aa.c.	20Aa.c.	22Aa.c.	24Aa.c.	28.5Aa.c.
Power Factor	0.8 leading to 0.8 lagging				
General					
Temperature range	-25 °C to +60 °C (> 45°C derating)				
Altitude	≤4000m				
Ingress protection rating	IP65				
Protection Class	Class I				



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Model Specifications	MIND 3400	MIND 5400	MIND 5600	MIND 5900
Input (DC)				
Max. DC power	4050W	5670W	6210W	6750W
Max. DC voltage	600Vd.c.			
Normal DC voltage	380Vd.c.			
MPPT voltage range	80V-550Vd.c.			
MPPT voltage range (full load)	250Vd.c.- 480Vd.c.	200Vd.c.- 480Vd.c.	195Vd.c.- 480Vd.c.	210Vd.c.- 480Vd.c.
Number of MPP trackers	1	2	2	2
Strings per MPP tracker	1	1	1	1
Max. input current per MPPT tracker	12.5 Ad.c.	11 Ad.c.*2	12.5 Ad.c.*2	12.5 Ad.c.*2
PV short circuit current	15.6 Ad.c.	13.2 Ad.c. *2	15.6 Ad.c. *2	15.6 Ad.c. *2
Max. DC power	4050W	5670W	6210W	6750W
Output (AC)				
Normal AC output Power	3000W	4200W	4600W	4999W
Max. AC output Power	3000W	4200W	4600W	4999W
Max. AC apparent Power	3000VA	4200VA	4600VA	4999VA
Normal AC voltage	230Va.c.			
Normal AC grid frequency	50 Hz			
Max. output current	13Aa.c.	18.5Aa.c.	20Aa.c.	21.7Aa.c.
Power Factor	0.8 leading to 0.8 lagging			
General				
Temperature range	-25 °C to +60 °C (> 45°C derating)			
Altitude	≤4000m			
Ingress protection rating	IP65			
Protection Class	Class I			

Tested according to:

EN 62109-1:2010
EN 62109-2:2011

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