



Product Service

CERTIFICATE

No. Z2 110557 0013 Rev. 00

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

Certification Mark:



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

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290193056602A

Valid until: 2025-09-24

Date, 2021-02-18

(Billy Qiu)

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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:**

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