



Product Service

Compliance Document

No. D 109338 0006 Rev. 00

Holder of Certificate: **Aarusha Smart Energy LLP**
316, Binali Complex
Opp. Torrent Power Limited, Sola Road
Ahmedabad, Naranpura, Gujarat, 380013
INDIA

Product: **Converter**
GRID-CONNECTED PV INVERTER

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 701262009802-00

Date, 2020-08-07

(Zhengdong Ma)

Compliance Document

No. D 109338 0006 Rev. 00

Model(s): **ASEL-1KSS, ASEL-1.5KSS, ASEL-2KSS,
ASEL-2.5KSS, ASEL-3KSS**

Parameters:

| Model Name | ASEL-1KSS | ASEL-1.5KSS | ASEL-2KSS |
|---------------------------------|---------------------------|-------------|-------------|
| PV Input Ratings | | | |
| D.C. Max. Input Voltage | 500Vd.c. | 500Vd.c. | 500Vd.c. |
| D.C. MPPT Voltage Range | 80-450Vd.c. | 80-450Vd.c. | 80-450Vd.c. |
| D.C. Max. Input Current | 12.5A | 12.5A | 12.5A |
| Isc PV | 15A | 15A | 15A |
| AC Output Ratings | | | |
| A.C. Output Rated Voltage | 230Va.c. | 230Va.c. | 230Va.c. |
| A.C. Output Rated Frequency | 50/60Hz | 50/60Hz | 50/60Hz |
| A.C. Output Rated Power | 1000W | 1500W | 2000W |
| A.C. Output Max. Apparent Power | 1100VA | 1650VA | 2200VA |
| A.C. Output Rated Current | 4.4A | 6.5A | 8.7A |
| A.C. Output Max. Current | 4.8A | 7.2A | 9.6A |
| Power Factor | 0.8 leading...0.8 lagging | | |
| Protection Class | I | | |
| Ingress Protection | IP65 | | |
| Overvoltage Category | II(PV), III(MAINS) | | |
| Operating Temperature Range | -30°C ... +60°C | | |
| Operating Altitude | 3000m | | |
| Inverter Topology | Non-isolated | | |

Compliance Document

No. D 109338 0006 Rev. 00

| Model Name | ASEL-2.5KSS | ASEL-3KSS |
|---------------------------------|---------------------------|-------------|
| PV Input Ratings | | |
| D.C. Max. Input Voltage | 500Vd.c. | 500Vd.c. |
| D.C. MPPT Voltage Range | 80-450Vd.c. | 80-450Vd.c. |
| D.C. Max. Input Current | 12.5A | 12.5A |
| Isc PV | 15A | 15A |
| AC Output Ratings | | |
| A.C. Output Rated Voltage | 230Va.c. | 230Va.c. |
| A.C. Output Rated Frequency | 50/60Hz | 50/60Hz |
| A.C. Output Rated Power | 2500W | 3000W |
| A.C. Output Max. Apparent Power | 2750VA | 3300VA |
| A.C. Output Rated Current | 10.9A | 13.1A |
| A.C. Output Max. Current | 12A | 14.4A |
| Power Factor | 0.8 leading...0.8 lagging | |
| Protection Class | I | |
| Ingress Protection | IP65 | |
| Overvoltage Category | II(PV), III(MAINS) | |
| Operating Temperature Range | -30°C ... +60°C | |
| Operating Altitude | 3000m | |
| Inverter Topology | Non-isolated | |

**Tested
according to:**

IEC 61727:2004
 IEC 62116:2014
 IEC 61683:1999
 IEC 60068-2-1:2007
 IEC 60068-2-2:2007
 IEC 60068-2-14:2009
 IEC 60068-2-30:2005