



Product Service

Attestation of Conformity

No. N8A 041829 3694 Rev. 00

Model(s): SUN2000-168KTL-H1, SUN2000-175KTL-H0
SUN2000-185KTL-H1, SUN2000-185KTL-INHO.

Parameters:

Model	SUN2000-168KTL-H1	SUN2000-175KTL-H0	SUN2000-185KTL-H1	SUN2000-185KTL-INHO
d.c. Max. Input Voltage:	1500V	1500V	1500V	1500V
d.c. Max. Input Current:	9 x 26A	9 x 26A	9 x 26A	9 x 26A
Isc PV:	9 x 40A	9 x 40A	9 x 40A	9 x 40A
MPP Voltage Range:	500V – 1500V	500V – 1500V	500V – 1500V	500V – 1500V
a.c. Output Nominal Voltage:	3~, 800V	3~, 800V	3~, 800V	3~, 800V
a.c. Nominal Operating Frequency:	50Hz / 60Hz	50Hz	50Hz / 60Hz	50Hz / 60Hz
a.c. Max. Output Current:	122,5A	140,7A	134,9A	134,9A
a.c. Rated Output Power:	150kW	175kW	175kW	160kW
a.c. Max. Output Power:	168kVA	193kVA	185kVA	185kVA
Power Factor:	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging
Protection Class:	Class I	Class I	Class I	Class I
Ingress Protection:	IP65	IP65	IP65	IP65
Overvoltage Category:	II(PV), III(MAINS)	II(PV), III(MAINS)	II(PV), III(MAINS)	II(PV), III(MAINS)
Operating Temperature Range:	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C

Tested according to: EN 62109-1:2010
EN 62109-2:2011

Page 2 of 2

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.

ZERTIFIKAT • CERTIFICATE • 認證證書 • CERTIFICADO • CERTIFICAT