





Product Service

# CERTIFICATE

No. B 041829 3693 Rev. 00

**Model(s):** SUN2000-168KTL-H1, SUN2000-175KTL-H0  
SUN2000-185KTL-H1, SUN2000-185KTL-INH0.

## Parameters:

Model	SUN2000-168KTL-H1	SUN2000-175KTL-H0	SUN2000-185KTL-H1	SUN2000-185KTL-INH0
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
Overtoltage 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:** IEC 62109-1(ed.1)  
EN 62109-1:2010  
IEC 62109-2(ed.1)  
EN 62109-2:2011

**Production Facility(ies):** 082137

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