





Product Service

CERTIFICATE

No. B 073342 0228 Rev. 00

Model(s): **SG1500UD, SG1250UD**

Parameters:

Vmax PV:	d.c. 1100 V
Min. MPP voltage:	d.c. 580 V (SG1500UD), d.c. 520 V (SG1250UD)
Max. MPP voltage:	d.c. 1000 V
Max. input current:	d.c. 2×1448 A (SG1500UD), d.c. 2×1356 A (SG1250UD)
Isc PV:	d.c. 2×1810 A (SG1500UD), d.c. 2×1695 A (SG1250UD)
Nominal grid voltage:	a.c. 400 V, 3~ (SG1500UD), a.c. 360 V, 3~ (SG1250UD)
Nominal grid frequency:	50 Hz/60Hz
Max. continuous output current:	a.c. 2381 A (SG1500UD), a.c. 2222 A (SG1250UD),
Rated output power:	1500 kW (SG1500UD), 1260kW (SG1250UD)
Max. apparent power:	1650 kVA (SG1500UD), 1386kVA (SG1250UD)
Power factor range:	[-0,8...0,8]
Ambient temperature range:	-35°C...+60°C
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	II(PV), III(Mains)

Tested according to: IEC 62109-1(ed.1)
EN 62109-1:2010
IEC 62109-2(ed.1)
EN 62109-2:2011

Production Facility(ies): 073342