



Product Service

Compliance Document

No. D 075386 0099 Rev. 00

Model(s): **KSG-10K, KSG-12K, KSG-15K, KSG-17K, KSG-20K, KSG-25K**
Inverter with integrated NS protection and interface switch

Parameters:

Model	KSG-10K	KSG-12K	KSG-15K	KSG-17K	KSG-20K	KSG-25K
PV Terminal Parameter						
Vmax. PV	1100Vd.c.					
Rate Voltage	620Vd.c.					
MPPT Voltage Range	200Vd.c.-1000Vd.c.					
MPPT Range (full load)	450 Vd.c. - 850 Vd.c.	550 Vd.c. - 850 Vd.c.	450 Vd.c. - 850 Vd.c.	450 Vd.c. - 850 Vd.c.	480 Vd.c. - 850 Vd.c.	500 Vd.c. - 850 Vd.c.
MPPT Tracker / Strings	1+1	1+1	2+1	2+2	2+2	2+3
Max. continuous PV input current	11Ad.c. + 1 1Ad.c.	11Ad.c. + 11Ad.c.	22Ad.c. + 11Ad.c.	22Ad.c. + 22Ad.c.	22Ad.c. + 22Ad.c.	22Ad.c. + 33Ad.c.
Max. continuous PV input power	14.4kW	14.4kW	18kW	24kW	24kW	30kW
Isc PV	15Ad.c. + 15Ad.c.	15Ad.c. + 15Ad.c.	30Ad.c. + 15Ad.c.	30Ad.c. + 30Ad.c.	30Ad.c. + 30Ad.c.	30Ad.c. + 45Ad.c.
Grid Terminal Parameter						
Rated voltage	3/N/PE, 400/230 Va.c.					
Rated frequency	50Hz					
Power factor (Cos phi), adjustable	0.8 leading - 0.8 lagging					
Rated output current	14.4Aa.c.	17.3Aa.c.	21.7Aa.c.	24.5Aa.c.	28.9Aa.c.	36.1Aa.c.
Rated output power	10kW	12kW	15kW	17kW	20kW	25kW
Rated output apparent power	10kVA	12kVA	15kVA	17kVA	20kVA	25kVA
Max. active power PEmax	10.093kW	12.088kW	15.092kW	17.154kW	20.089kW	25.266kW
Max. apparent power SEMax	10.101 kVA	12.097 kVA	15.108 kVA	17.176 kVA	20.101 kVA	25.593 kVA

Tested according to:

VDE-AR-N 4105:2018

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