



Product Service

CERTIFICATE

No. Z2 086049 0022 Rev. 00

Model(s):

**CPS SCA1KTL-S/EU, CPS SCA2KTL-S/EU,
CPS SCA2.5KTL-S/EU, CPS SCA3KTL-S/EU,
CPS SCA3.6KTL-S/EU, CPS SCA3KTL-SM/EU,
CPS SCA3.6KTL-SM/EU, CPS SCA4KTL-SM/EU,
CPS SCA4.6KTL-SM/EU, CPS SCA5KTL-SM/EU,
CPS SCA6KTL-SM/EU**

Parameters:

Model:	CPS SCA1KTL-S/EU	CPS SCA2KTL-S/EU	CPS SCA2.5KTL-S/EU	CPS SCA3KTL-S/EU	CPS SCA3.6KTL-S/EU
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	12.5 Ad.c.	12.5 Ad.c.	12.5 Ad.c.	12.5 Ad.c.	11 Ad.c.
Maximum total PV array s-c current	15 Ad.c.	15 Ad.c.	15 Ad.c.	15 Ad.c.	15 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous a.c. output current	4.8 Aa.c.	9.5 Aa.c.	11.9 Aa.c.	14.3 Aa.c.	17.2 Aa.c.
Nominal output active power P _n	1 kW	2 kW	2.5 kW	3 kW	3.6 kW
Power factor	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.
Protection class	I	I	I	I	I

Model:	CPS SCA3KTL-SM/EU	CPS SCA3.6KTL-SM/EU	CPS SCA4KTL-SM/EU	CPS SCA4.6KTL-SM/EU	CPS SCA5KTL-SM/EU	CPS SCA6KTL-SM/EU
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.
Maximum total PV array s-c current	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.



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a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous a.c. output current	14.3 Aa.c.	16.7 Aa.c.	19.1 Aa.c.	21.95 Aa.c.	23.8 Aa.c.	28.6 Aa.c.
Nominal output active power P _n	3 kW	3.68 kW	4.0 kW	4.6 kW	5.0 kW	6.0 kW
Power factor	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.
Protection class	I	I	I	I	I	I

Tested according to:

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

Production Facility(ies):

086061

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