



Product Service

Compliance Document

No. D 104339 0018 Rev. 00

Model Name	STS-2.5KTL-S	STS-3KTL-S
PV Input Ratings		
D.C. Max. Input Voltage	500Vd.c.	500Vd.c.
D.C. MPPT Voltage Range	80-450Vd.c.	80-450Vd.c.
D.C. Max. Input Current	12.5A	12.5A
Isc PV	15A	15A
AC Output Ratings		
A.C. Output Rated Voltage	230Va.c.	230Va.c.
A.C. Output Rated Frequency	50/60Hz	50/60Hz
A.C. Output Rated Power	2500W	3000W
A.C. Output Max. Apparent Power	2750VA	3300VA
A.C. Output Rated Current	10.9A	13.1A
A.C. Output Max. Current	12A	14.4A
Power Factor	0.8 leading...0.8 lagging	
Protection Class	I	
Ingress Protection	IP65	
Overvoltage Category	II(PV), III(MAINS)	
Operating Temperature Range	-30°C ... +60°C	
Operating Altitude	3000m	
Inverter Topology	Non-isolated	

Tested according to:

IEC 61727:2004
 IEC 62116:2014
 IEC 61683:1999
 IEC 60068-2-1:2007
 IEC 60068-2-2:2007
 IEC 60068-2-14:2009
 IEC 60068-2-30:2005

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