SUN SYNK®

3.6kW

DATASHEET	SUNSYNK-3.6K-SG01LP1 / SUNSYNK-3.6K-SG03LP1
Product Type	Hybrid Inverter
Enclosure	IP65
Ambient Temperature	-45°C ~ 60°C (>45°C derating)
Protection Level	Class I
CHARGE MODE	
Battery Voltage	48Vd.c (40Vd.c ~ 60Vd.c)
Battery Current	90Ad.c (max.)
AC Input Voltage	L/N/PE 220/230Va.c
AC Input Frequency	50/60Hz
AC Input Rated Current	16.4Aa.c
Max. AC Input Current	18Aa.c (max.)
Max. AC Input Power	3960W
Max. Apparent Output Power	3960VA
PV Input Voltage	370Vd.c (125Vd.c ~ 500Vd.c)
MPPT Input Voltage	150Vd.c ~ 425Vd.c
PV Input Current	13Ad.c + 13Ad.c
Max. PV Input Power	4680W
Max. PV Isc	17Ad.c + 17Ad.c
UTILITY-INTERACTIVE	
AC Output Voltage	L/N/PE 220/230Va.c
AC Output Frequency	50/60Hz
AC Output Rated Current	16.4Aa.c
Max. AC Output Current	18Aa.c (max.)
Max. AC Output Power	3960W
AC Output Rated Power	3960VA
AC Output Power Factor	0.95 leading to 0.95 lagging
Max. AC Isc	60Aa.c
Battery Discharge Voltage	40Vd.c ~ 60Vd.c
Battery Discharge Current	90Ad.c (max.)
Battery Discharge Power	3600W
STAND ALONE	
AC Output Voltage	L/N/PE 220/230Va.c
AC Output Frequency	50/60Hz
AC Output Rated Current	16.4Aa.c
AC Output Rated Power	3960W