



Hosola 60KTL Inverter String Inverter



• Flexible

- Integrated DC combiner and surge protection function, reducing system cost
- DC arc detection function, enhancing safety performance
- Four MPPT, meeting the demand of panels multiple irregular direction installation

• Efficient

- Max. efficiency 98.9%
- Integrated string detection function, discovering mismatch panel timely and accurately
- Integrated PV panel PID effect eliminate function, decreasing the loss of generation attenuation

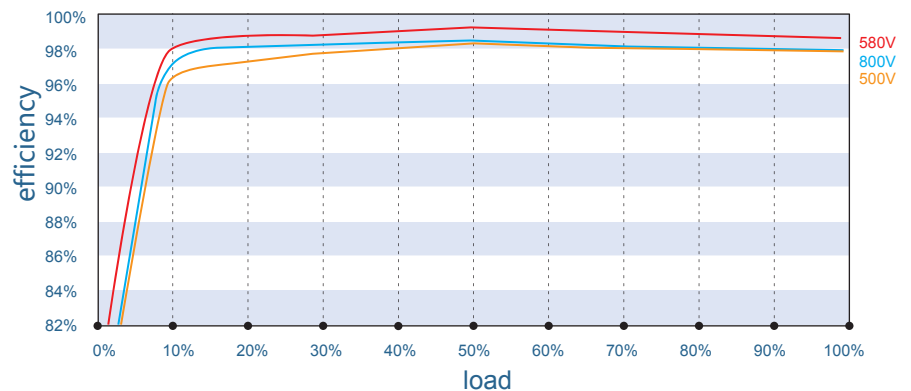


• Grid-friendly

- Active power continuously adjustable (0~100%)
- Fulfilling a variety of reactive power adjustment requirements with power factor 0.8 overexcited ~ 0.8 underexcited
- Integrated LVRT, HVRT and night SVG function

• Qualified

- TÜV, CE, G59/2, AS4777, BDEW, VDE AR N 4105 and CGC certified





Hosola String Inverter Technical Data

High Safety

High Quality

High Efficiency

Input data		Protection	
Max. PV input power	56200W	Anti-islanding protection	Yes
Max. PV input voltage	1000V	LVRT	Yes
Startup voltage	300V	DC reverse connection protection	Yes
Nominal input voltage	580V	AC short circuit protection	Yes
MPP voltage range	300~950V	Leakage current protection	Yes
MPP voltage range for nominal power	500~850V	DC switch	Yes
No. of MPPTs	4	DC fuse	Yes
Max. number of PV strings per MPPT	3	Overvoltage protection	Type II DIN rail surge arrester
Max. PV input current	104A (26A/26A/26A/26A)	System Data	
Max. current for input connector	12A	Max. efficiency	98.90%
Output data		Max. European efficiency	98.50%
Nominal AC output power	50000W	Isolation method	Transformerless
Max AC output power (PF=1)	55000W	Ingress protection rating	IP65 (Fan IP55)
Max. AC output apparent power	55000VA	Night power consumption	<1W
Max. AC output current	80A	Operating ambient temperature range	-25~60 C (>45 C derating)
Nominal AC voltage	3/N/PE, 230/400Vac	Allowable relative humidity range	0~100% no condensing
AC voltage range	310~480Vac	Cooling method	Smart forced air cooling
Nominal grid frequency	50Hz/60Hz	Max. operating altitude	4000m (>3000m derating)
Grid frequency range	47~53Hz 57~ 63Hz	Display	Graphic LCD
THD	<3 % (nominal power)	Communication	RS485 (RJ45 connector)
DC current injection	<0.5 %In	DC connection type	MC4
Power factor	>0.99@default value at nominal power, (adj. 0.8 overexcited ~ 0.8 underexcited)	AC connection type	Screw Clamp terminal
Mechanical Data		Certification	VDE0126-1-1, EN62109-1, EN62109-2, G59/2, CEI-021, AS/NZS 3100, AS4777.2, AS4777.3, VDE-AR-N-4105, BDEW
Dimensions (W*H*D)	665*906*256mm		
Mounting method	Wall bracket		
Weight	70kg		

