String-HF Transformer Isolation

ASP-4/5KHF

Features

Flexible design

Small size, light weight, support manual installation, reduce user installation and maintenance cost.
Multi-communication interface: RS485, CANbus
Convection without fan

Efficient conversion

Max. efficiency is up to 96%; Euro. efficiency is up to 95%
Total current THD <2%
Wide DC voltage input range, max. is up to 550V

Grid friendly

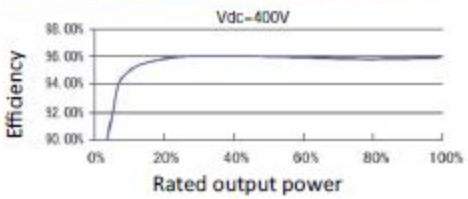
0~100%

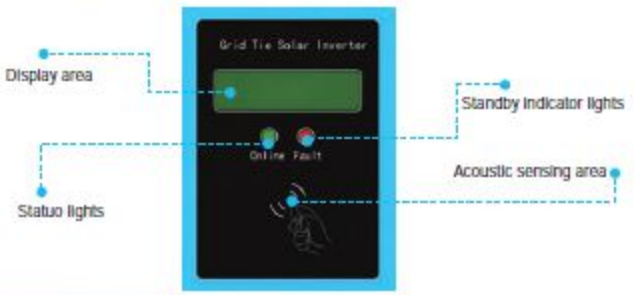
Active and passive anti-islanding protection
Continuously adjustable active power (0~100%) function

Excellent qualities

CQC Gold Sun Certification, TUV Certification, SAA Certification, CE Certification

Efficiency Curve





Technical Data

Input	4KHF	5KHF
Max. DC input power	4400W	5250W
Max. DC input voltage	600V	
Max. DC input current	16.7A	18.8A
MPPT voltage range	280~550V	
Recommended MPP operating voltage	400V	
No. of MPPT	1	
Max. no. of strings per MPPT	2	

Output		
Rated output power	4000W	5000W
Max. output power	4.4KVA	5.25KVA
Max. output current	20A	22.8A
Rated grid voltage	230V	
Grid voltage range	180~260Vac	
Rated grid frequency	50Hz/60Hz	
Grid frequency range	47~51.5Hz/57~61.5Hz	
THD	< 2% (Under the rated power)	
Power factor	> 0.99 (Under the rated power)	
DC current injection	< 0.5% (Under the rated power)	

System data	4KHF	5KHF
Max. efficiency	96%	
Euro. efficiency	95%	
Humidity range	0-95% non-condensing	
Cooling type	Air cooling	
Temperature range	-25~+60℃	
Power consumption at night	< 2W	
Max. working altitude	2000m	
Display	Two line LCD/Two LEDS/ One voice operated switch	
Communication interface	RS485/CAN bus/Wifi(optional)	

Mechanical data	
Dimensions (WxHxD)	408x580x160mm
Weight	24Kg
Protection class	IP65

Standard	
Grid-connected standard	NB/T32004-2013; GB/T19964-2012
Safety standard	NB/T32004-2013; IEC 62109-1/2
Electromagnetic compatibility	IEC 61000-6-2/4