

ASP-1.5/2/2.5/3KTL



Features



Flexible design

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



Efficient conversion

Transformerless, max. efficiency is up to 97.1%;
Euro. efficiency is up to 96.5%
Total current THD <2%
Wide DC voltage input range, max. is up to 550V



Grid friendly

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

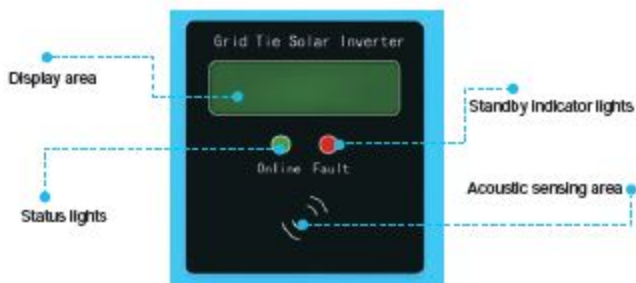
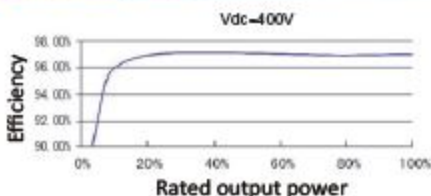


Excellent qualities

CQC Golden Sun Certification, TUV Certification, SAA Certification, CE Certification



Efficiency Curve



Technical Data

Input	1.5KTL	2KTL	2.5KTL	3KTL
Max. DC Input power	1650W	2200W	2750W	3300W
Max. DC Input voltage	550V			
Max. DC Input current	15.5A	15.5A	15.5A	16.5A
MPPT voltage range	120-550V	120-550V	120-550V	200-480V
Recommended MPP operating voltage	400V			
No. of MPPT	1			
Max. no. of strings per MPPT	1			
Output				
Rated output power	1500W	2000W	2500W	3000W
Max. output power	1.65KVA	2.2KVA	2.75KVA	3.3KVA
Max. output current	8.5A	11.2A	13A	15A
Rated grid voltage	230V			
Grid voltage range	190-260V/ac			
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	1.5KTL	2KTL	2.5KTL	3KTL
Max. efficiency	97%	97%	97%	97.1%
Euro. efficiency	96.2%	96.2%	96.2%	96.5%
Humidity range	0-95% non-condensing			
Cooling type	Air cooling			
Temperature range	-25-+60°C			
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)	408x310x160mm			
Weight	16Kg			
Protection class	IP65			
Standard				
Grid-connected standard	NB/T32004-2013; GB/T 19964-2012			
Safety standard	NB/T32004-2013; IEC 62109-1/2			
Electromagnetic compatibility	IEC 61000-6-2/4			