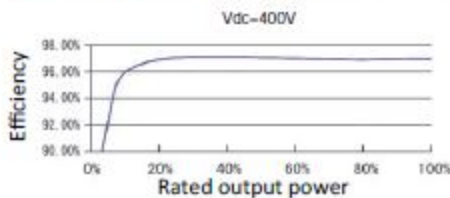


# String-Transformerless

## ASP-4/5KTL



### Efficiency Curve



### 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 480V



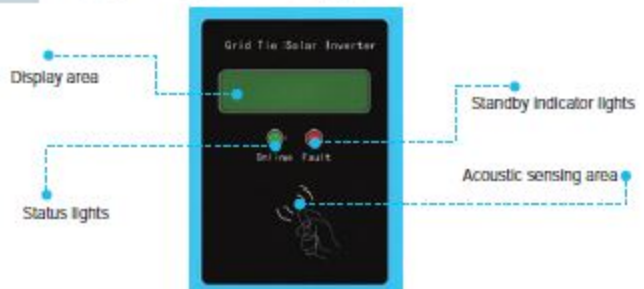
#### Grid friendly

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



### Technical Data

Input	4KTL	5KTL	System data	4KTL	5KTL
Max. DC input power	4400W	5500W	Max. efficiency		97.1%
Max. DC input voltage		550V	Euro. efficiency		96.5%
Max. DC input current	22A	27.5A	Humidity range	0-95% non-condensing	
MPPT voltage range		200-480V	Cooling type	Air cooling	
Recommended MPP operating voltage	400V		Temperature range	-25~+60°C	
No. of MPPT	1		Power consumption at night	< 2W	
Max. no. of strings per MPPT	2		Max. working altitude	2000m	
<b>Output</b>			Display	Two line LCD/Two LEDs/ One voice operated switch	
Rated output power	4000W	5000W	Communication interface	RS485/CAN bus/WiFi(optional)	
Max. output power	4.4KVA	5.5KVA	<b>Mechanical data</b>		
Max. output current	20A	25A	Dimensions (WxHxD)	408x580x200mm	
Rated grid voltage		230V	Weight	27.5Kg	
Grid voltage range	180-260Vac		Protection class	IP65	
Rated grid frequency	50Hz/60Hz		<b>Standard</b>		
Grid frequency range	47-51.5Hz/57-61.5Hz		Grid-connected standard	NB/T32004-2013; GB/T19964-2012	
THD	< 2% (Under the rated power)		Safety standard	NB/T32004-2013; IEC 62109-1/2	
Power factor	> 0.99 (Under the rated power)		Electromagnetic compatibility	IEC 61000-6-2/4	
DC current injection	< 0.5% (Under the rated power)				