

ASP-3.6/4.2/5KTLD



Features

Flexible design

Small size, light weight, support manual installation, reduce user installation and maintenance cost
Multi-communication interface: RS485, CANbus
Convection without fan
DC breaker, easy to maintain and safe to use
Digital DSP control technology



Efficient conversion

Transformerless, max. efficiency is up to 98%;
Euro. efficiency is up to 97.4%
Total current THD <2%
Two-way independent MPP Tracking control for different installation angle of PV arrays, enhancing the energy output



Grid friendly

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

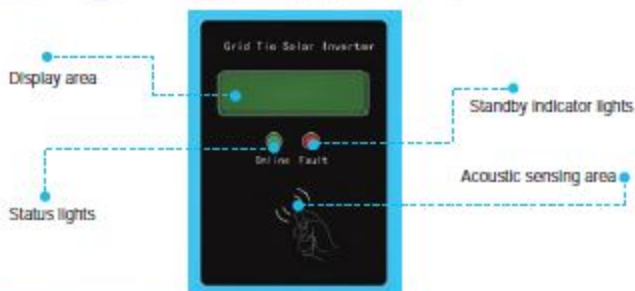
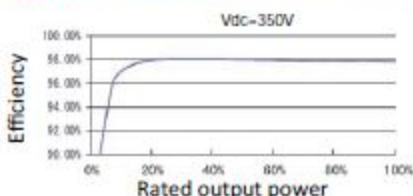


Excellent qualities

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



Efficiency Curve



Technical Data

Input	3.6KTLD	4.2KTLD	5KTLD
Max. DC Input power	3960W	4620W	5500W
Max. DC Input voltage		600V	
Max. DC Input current	2x12.5A	2x15A	2x15A
MPPT voltage range		120-550V	
Recommended MPP operating voltage		350V	
No. of MPPT		2	
Max. no. of strings per MPPT		2	
Output			
Rated output power	3600W	4200W	5000W
Max. output power	3.96KVA	4.62KVA	5.5KVA
Max. output current	18A	21A	25A
Rated grid voltage		230V	
Grid voltage range		180-280Vac	
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	3.6KTLD	4.2KTLD	5KTLD
Max. efficiency		98%	
Euro. efficiency		97.4%	
Humidity range		0-95% non-condensing	
Cooling type		Air cooling	
Temperature range		-25--+60°C	
Power consumption at night		< 0.5W	
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)		355x510x188mm	
Weight		25.5Kg	
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	