

ASP-6/8/10/12KHF



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

Max. efficiency is up to 97.5%; Euro. efficiency is up to 97%
Total current THD <2%
Wide DC voltage input range, max. is up to 850V



Grid friendly

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

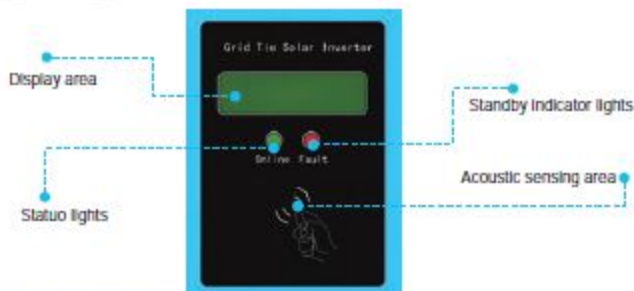
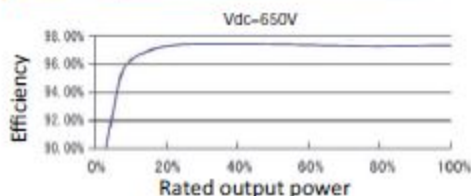


Excellent qualities

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



Efficiency Curve



Technical Data

Input	6KHF	8KHF	10KHF	12KHF
Max. DC Input power	6600W	8800W	11000W	13200W
Max. DC Input voltage	1000V			
Max. DC Input current	2x20A			
MPPT voltage range	250-850V			
Recommended MPP operating voltage	650V			
No. of MPPT	2			
Max. no. of strings per MPPT	2			
Output				
Rated output power	6000W	8000W	10000W	12000W
Max. output power	7.7KVA	8.8KVA	11KVA	13.2KVA
Max. output current	10A	12A	16A	19.2A
Rated grid voltage	400V			
Grid voltage range	310-450Vac			
Rated grid frequency	50Hz/60Hz			
Grid frequency range	47-51.5Hz/57-61.5Hz			
THD	< 2% (Under the rated power)			
Power factor	0.9 leading-0.9lagging			
DC current injection	< 0.5% (Under the rated power)			

System data	6KHF	8KHF	10KHF	12KHF
Max. efficiency	97%	97%	97.5%	97.5%
Euro. efficiency	96.5%	96.5%	97%	97%
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)	480x620x200mm / 520x680x220mm			
Weight	40Kg	40Kg	46Kg	46Kg
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			