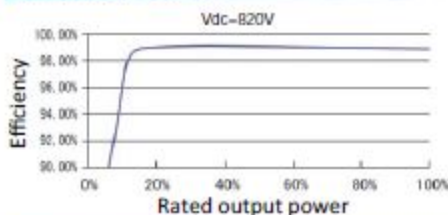


# Central-Centralized Distributed Inverter

## ASP-1000KTL



### Efficiency Curve



### Technical Data

Input	1000KTL
Max. DC input power	1123KW
Max. DC input voltage	1000V
Max. DC input current	1500A
Input working voltage range	750-900V
Rated input voltage	820V
DC input branch number	10-15

Output	1000KTL
Rated output power	1000KW
Max. output power	1100KVA
Rated output current	1154A
Rated grid voltage	500V
Grid voltage range	450-550Vac
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)-0.9(lagging)
DC current injection	< 0.5% (Under the rated power)

### Features

#### Flexible design



Independent unit modular design, unit can operate individually, improve whole machine availability  
Imported IGBT components, driver is imported from Germany, more stable and reliable  
Film capacitors increase the system life span

#### Efficient conversion



Max. efficiency is 98.9%  
Min. loss PWM modulation arithmetic, reduce switching loss  
High efficient reactor, over capacity design, reduce output loss  
Optimized copper bar structure design, reduce cable loss

#### Grid friendly



Pass new standard NB/T32004-2013 test  
LVRT/ZVRT function to cope with various grid conditions  
Nightly SVG function, respond to grid dispatching instruction all time  
AGC/AVC function, realize active power adjustable range from 0-100%  
Power factor from 0.9 leading to 0.9 lagging

#### More advantages



Open the front door to maintain, easy installation and maintenance  
Dual power supply method, improve system reliability  
Nightly intelligent hibernation technology, reduce self-relative loss  
CQC Golden Sun Certification, CE Certification, State Grid certification



System data	1000KTL
Max. efficiency	98.9%
Euro. efficiency	98.6%
Humidity range	0-95% non-condensing
Cooling type	Intelligent air cooling
Temperature range	-25--+55℃
Power consumption at night	< 100W
Max. working altitude	6000m(Operation with derating above 3000m)
Display	Touch screen
Communication interface	RS485/Ethernet

Mechanical data	1000KTL
Dimensions (WxHxD)	1900x1960x900mm
Weight	1700Kg
Protection class	IP20

Standard	1000KTL
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