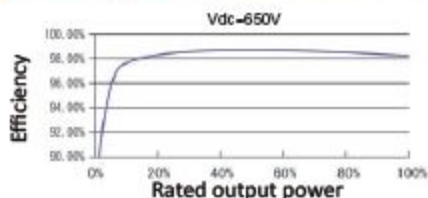


ASP-630KTL



Efficiency Curve



Technical Data

Input		630KTL
Max. DC Input power		700KW
Max. DC Input voltage		1000V
Max. DC Input current		2x700A
MPPT voltage range		500-850V
Recommended MPP operating voltage		650V
No. of MPPT		1
Output		630KTL
Rated output power		630KW
Max. output power		700KVA
Max. output current		1200A
Rated grid voltage		315V
Grid voltage range		250~362Vac
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 98.7%
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

