

## 300KVA off grid three phase inverter technical parameters

Type		NB480-300KSZ
DC input	Input rated voltage	480 V <sub>DC</sub>
	Input rated current	694 A
	Input DC voltage range	400-620 V <sub>DC</sub>
AC input (AC Bypass)	Allow input voltage range	220 V <sub>AC</sub> / 380 V <sub>AC</sub> / 400 V <sub>AC</sub> ± 15% V <sub>AC</sub>
	Input rated current	830A / 450A / 430A
	Bypass transfer time	≤100 ms ( Can be customized ≤ 4ms version )
AC output	Rated capacity	300KVA
	Output rated power	240KW
	Output rated voltage and frequency	220 V <sub>AC</sub> / 380 V <sub>AC</sub> / 400 V <sub>AC</sub> , 50Hz / 60Hz
	Output rated current	830A / 450A / 430A
	Output voltage accuracy	220 V <sub>AC</sub> / 380 V <sub>AC</sub> / 400 V <sub>AC</sub> ± 1%
	Output frequency accuracy	50Hz / 60Hz ± 0.05%
	Waveform distortion (THD). (Linear load)	≤3%
	Dynamic response time (Load 0→100%)	2ms
	Power factor (PF)	0.8
	Overload capacity	110%,3 minutes,150%,5 seconds
	Crest factor (CF)	3:1
	Inverter efficiency	96%
	Working Environment	Dielectric strength
Noise (1m)		≤50dB
Ambient temperature		-10°C~+50°C
Humidity		0~90%, No condensation
Altitude		< 2000m ( Higher than 2000m rated power should be reduced )
Production function	Input reverse protection, input under-voltage protection, output overload protection, output short circuit protection, thermal protection	
Pure Sine Wave	Yes	
Equipped with copper transformer	Yes	
AC Charger	Optional	
Solar Charger	Optional	
Generator port	Optional	
Product Size(mm)	1910*1160*1880mm	
Product Weight(kg)	1500kg	

