

## 100KVA off grid three phase inverter technical data sheet

Type		NB360-100KSZ	NB380-100KSZ
DC input	Input rated voltage	360 V <sub>DC</sub>	380 V <sub>DC</sub>
	Input rated current	309 A	292 A
	Input DC voltage range	300-465 V <sub>DC</sub>	320-496V <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	278A / 152A / 145A	
	Bypass transfer time	≤100 ms ( Can be customized ≤ 4ms version )	
AC output	Rated capacity	100KVA	
	Output rated power	80KW	
	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	278A / 152A / 145A	
	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	1500VAC,1minute	
	Noise (1m)	≤50dB	
	Ambient temperature	-10°C~+50°C	
	Humidity	0~90%,No condensation	
	Altitude	< 2000m ( Higher than 2000m rated power should be reduced )	
Pure Sine Wave		Yes	
Equipped with copper transformer		Yes	
AC Charger		Optional	
Solar Charger		Optional	
Generator port		Optional	
Production function	Input reverse protection, input under-voltage protection, output overload protection, output short circuit protection, thermal protection		
Size(mm)	Product Size: 650*1400*1500	Package Size: 750*1500*1700	
Weight(kg)	730kg		