

200KVA off grid three phase inverter technical parameters

Type		NB380-200KSZ	NB480-200KSZ
DC input	Input rated voltage	380 V _{DC}	480 V _{DC}
	Input rated current	585 A	463 A
	Input DC voltage range	320-496 V _{DC}	400-620 V _{DC}
AC input (AC Bypass)	Allow input voltage range	220 V _{AC} / 380 V _{AC} / 400 V _{AC} ± 15% V _{AC}	
	Input rated current	550A / 300A / 290A	
	Bypass transfer time	≤100 ms (Can be customized ≤ 4ms version)	
AC output	Rated capacity	200KVA	
	Output rated power	160KW	
	Output rated voltage and frequency	220 V _{AC} / 380 V _{AC} / 400 V _{AC} , 50Hz / 60Hz	
	Output rated current	550A / 300A / 290A	
	Output voltage accuracy	220 V _{AC} / 380 V _{AC} / 400 V _{AC} ± 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	120%,10minutes, 200% ,10seconds	
	Crest factor (CF)	3:1	
	Inverter efficiency	90%	
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)	
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		
Size(mm)	1600*1000*2000mm		
Weight(kg)	1400kg		



C E R T I F I C A T E

ATTESTATION CERTIFICATE OF ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed and audit has been completed successfully.

2014/30/EU Electromagnetic Compatibility Directive and
2014/35/EU Low Voltage Directives have been taken as references for these processes

Company Name : Jinan Deming Power Equipment Co., Ltd.

Company Address : North Erhuan Road, No. 8666, Kangqiao Development Center,
Building 2, Jinan, Shandong, China

Related Directives and Annex : 2014/35/EU Low Voltage Directive
2014/30/EU Electromagnetic Compatibility Directive

Related Standards : EN 61727:1996; EN 62368-1:2020+A11:2020; EN 55032:2015+A1:2020
EN 62116:2014 EN 50561-1:2013; EN 55035:2017+A11:2020
EN 61000-3-3:2013+A1:2019; EN 61000-3-2:2019
EN 61000-3-12:2011; EN 61000-3-11:2019

Product Name : Inverter

Report No and Date : TCF-03-2020500-LVD TCF-03-2020500-EMC

Product Brand/Model/Type : 1KW, 2KW, 3KW, 5KW, 10KW, 20KW, 30KW, 45KW, 50KW, 60KW,
75KW, 100KW, 150KW, 200KW, 250KW, 300KW, 800KW, 1000KW

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Initial Assessment Date : 26.03.2021
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Reissue Date/No : -
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Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY
Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76
E-mail: info@udemltd.com.tr www.udem.com.tr

