



- Advance IGBT inverted technology
- Multiple CPU intelligent control
- Multiple protection function of over-voltage ,short circuit, over-temperature on input
- Special industrial design to ensure the safety in worse envirc
- Reliable, filtering and stable sine wave output
- Static bypass switch
- with output isolation transformer



Model		ND 220	ND220	ND220	ND220	ND220	ND220	ND220	ND220	ND 220	ND 220
		-1010	-1020	-1030	-1050	-1100	-1120	-1150	-1200	-1300	-1500
DC input	Rated DC input voltage (V_{DC})	220									
	Rated DC input current (A)	5	10	16.3	25	49	59	75	99	148	247
	DC input voltage range (V_{DC})	180~300Vdc									
Bypass	Utility AC input voltage (V_{AC})	220Vac±20%, 50Hz±10%									
Utility											
	Rated AC input voltage (A)	4.5	9	13.5	22.7	45	54.5	68.5	91	136	227
input	Bypass transfer time (ms)	≤4									

AC output	Rated capacity (KVA)	1	2	3	5	10	12	15	20	30	50
	Rated output power (KW)	0.8	1.6	2.4	4	8	10	12	16	24	40
	Rated output voltage and frequency	220V _{AC} , 50H _z									
	Rated output current (A)	3.65	7.3	11	18.2	36.4	45.5	54.5	72.8	109	182
	Output voltage regulation (V)	220±2%									
	Output frequency regulation(Hz)	50±1%									
	THD	≤3%									
	Dynamic response (load 0←→100%)	5%									
	Power factor	0.8									
	Overload	150%,60s									
	Crest factor	3:01									
	Efficiency at rated load	90%									
Environment	Insulation strength (between input & output)	1500V _{AC} , 1min									
	Noise (1m)	≤50dB									
	Temperature	-10°C~+50°C									
	Humidity	0~90%, no condensation									
	Altitude (m)	≤2000									
Sizes	Rack tye (W* D * H, mm)	482×405×133		482×405×178		482×420×223				550×480×980	
Weight (kg)		30	40	50	60	150	180	200	260	360	700
Protection	DC input reversely protection, DC input under voltage, overload, short circuit, over temperature										