

Series	NST5100 SERIE														
Capacity	10KVA	15KVA	20VA	20KVA	40KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA	250kVA	300kVA	400kVA	
Power	8KW	12KW	16KW	24KW	32KW	48KW	64KW	80KW	96KW	128KW	160KW	250/200	300/240	400/320	
Power Factor	0.8														
Input															
Phase	3 phase 4 wire and ground														
Voltage Range	±20%														
Frequency Range	45 ~ 65Hz														
Rectifier	3 phase 6 pulses/12 pulses														
Output															
Phase	3 phase 4 wire and ground														
Wave form	Sine wave														
Crest Factor	3:1														
Rated voltage	380/400/415V optional														
Phase voltage setting	200 - 244VAC (control panel)														
Transient response	±5%, 10ms														
Frequency	50 / 60 Hz														
Frequency stability	±0.05%														
Range of phase lock	With synchronization: ±0.05%. Without synchronization: ± 2% (settable ±1% on the control panel)														
Total harmonic distortion	3% (linear load)														
Short circuit current	Short current for 0.1s (200% current)														
Overload capacity	110% /125% /150% rated current 30 min/ 10min /1min														
Battery															
Battery	Maintenance free lead-acid cell														
DC Voltage	384VDC						432VDC			480VDC					
Bypass															
Type	Static state + manual maintenance bypass														
Input Phase	3 phase 4 wire and ground														
Input voltage range	15% - 25% (the front control panel selectable)														
Input frequency range	±1% ~ ±5% the front control panel selectable														
Transfer time	Inverter / bypass transfer switch time(Overload): 0ms inverter / bypass transfer switch time (fault inverter) 1ms														
Overload capacity (10 min)	170%	180%	170%	170%	170%	140%	130%	125%	125%	125%	125%	125%	125%	125%	
System															
Remote signaling	Dry contact (battery low, battery discharging, bypass/ fault); output 12Vdc/80mA														
Remote control	EPO and bypass														
Communication interface	RS232 (SNMP , modem optional)														
Running temperature	0-40 degree Celsius														
Relative Humidity	Less than 95% (without condensing)														
Altitude	1000m output nominal power (with increase of 100m, it will reduce output of 1%) max 4000m														
Noise at 1 M	less than 60 dB														
Inverter Efficiency	92%						93%								
Optional	Isolating transformer Harmonic wave suppression filter Parallel modules can be up to six														
Net/Gross weight (Kg)	223/280	260/317	260/317	336/393	351/408	497/574	556/633	756/856	901/1001	1300/1400	1350/1450	2200/2400	2200/2450	2600/2900	
Unit Dimension (W×D×H) mm	555×725×1220					800×745×1400		1070×745×1400			1420×745×1810		1770×750×1805		1630×1000×1900
Packing Dimension (W×D×H) mm	660×855×1425					880×945×1585		1254×875×1585			1520×880×2000		1890×880×2010		1750×1150×2150