



BNO-STS STATIC TRANSFER SWITCHES

from **16A - 200A**



RACK



LCD DISPLAY



EASY
SERVICE



INPUT SOURCE
OPTION



DATA CENTER



MEDICAL



INDUSTRY



TRANSPORTATION



COMPLEXES

BNO-STS 1P-2P SERIES

BNO-STS, allows instantaneous transfer of power sources to the load device to ensure continuous and reliable power distributions.

- 2 AC input with 1 phase switching (3 source input option)
- Uninterrupted transfer between the independent sources
- Synchron/asynchron transfer feature
- Source priority selection
- 1 pole and neutral transfer 2 pole option
- Automatic and Manual transfer in case of failure on both sources
- Internal manual bypass
- Event Log with Detailed Parameters
- Module replacement without interruption under load at hotswap models
- Input voltage parameter selection from the menu
- Easy Maintenance
- High Efficiency
- RS232/RS485 communication capabilities
- Modbus,SNMP multi communication
- Dry contacts

bNO
ELECTRONICS
BACKUP & NETWORK OPERATIONS

BNO-STS SERIES

(1 and 2 Pole)

MODEL	BNOSTS 1016 BNOSTS 2016	BNOSTS 1032 BNOSTS 2032	BNOSTS 1045 BNOSTS 2045	BNOSTS 1063 BNOSTS 2063	BNOSTS 1100 BNOSTS 2100	BNOSTS 10120 BNOSTS 20120	BNOSTS 10200 BNOSTS 20200
Nominal Current	16A	32A	45A	63A	100A	120A	200A
Electrical Data							
Input Voltage	220/230/240 Vac 1Ph + N + G						
Input Voltage Range	180-264 Vac (Ph-N)						
Input Frequency	50 / 60Hz						
Input Frequency Range (operation range adjustable)	46-54 Hz (for 50 Hz) 56-64 Hz (for 60 Hz)						
Input Source Quantity	2 pcs (3 pcs* Optional)						
Transfer Type	Break before make						
Transfer Methods Available	Automatic / Manual / Remote						
Transfer Control	Synchron With Adjustable Delay (non synchron) Zero Current (non synchron)						
Transfer Time	≤4 msec for synchronous sources ≤ 10 msec for non-synchronous sources						
Switching Type	1 phase (1-Poles), 1 phase + Neutral switching (2-Poles)						
Output Current Crest Factor	3:1						
Admissible Overload	0-100% continuous 101-150% 1 minute 151-200% 10 second >200% 250 msec						
Protections	Output overload and short circuit protection, Overtemperature protection						
LCD Panel and Mimic	Standard						
Communication	RS232 standard, RS485 optional						
SNMP Connection	Optional						
Dry Contacts	3 programmable relay outputs						
Modbus	Available						
Environmental Data							
Cooling	Forced cooling						
Cooling Air Direction	From front to rear						
Operating Temperature	0°C - 40°C						
Storage Temperature	-10°C up to +50°C						
Relative Humidity	90% max. (non-condensing)						
Protection Degree	IP20						
Standards	EN 62310-1, EN 62310-2						
Altitude	<1000 meters						
Acoustic Noise	<45 dBA			<52 dBA			
Mechanical Data							
Weight (kg)	8	9	12	13	19	20	40
Dimensions	2U (19"rack), depth = 440 mm (hot-swappable = 668 mm)			2U (19"rack), depth = 440 mm	3U (19"rack), depth = 440 mm		4U (19"rack), depth = 440 mm
Power Cables Connection	Terminals						

* 3 source input STS dimension may change.

The company reserves the right to change specifications and designs without notice.



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