



## SN TYPES INVERTERS



Use as stand-alone modules  
for passenger coaches and locomotives



Modular system

SN type inverters are used as standalone modules in passenger coaches and locomotives, or as a part of the unit-built modular system.

A new generation of software-configurable SNxx-680/400 series three-phase inverters is now available with rated outputs of 4kVA, 16kVA, 31kVA, 45kVA, 52kVA, 72kVA, 100kVA.

Type	SN 24/580/ 3x400	SN 24/700/ 3x400	SN 3-110/ 550/400	SN 400- 44	SN 400- 44U	SN 400- 50N	SN 400- 55
<b>Input</b>							
Nominal input voltage	580V DC	24V DC 700V DC	110V DC	580 V DC		3x440V AC 20-150Hz	700V DC
Nominal input current	150ADC/24VDC 4ADC/580VDC	150A DC/24V DC 33A DC/700V DC	33A DC	63 A DC	63A AC	72A AC	80A AC
Supply voltage of control circuits	24V DC (14,4 V – 34V DC)		110V DC (77V-375V)	24V DC (14,4V – 34V DC)		580V DC	24V DC (14,4V – 34VDC)
Nom. current cons. of control circuits	1,0 A DC		0,2A DC	1,0A DC		60mA/ 565VDC	
<b>Output</b>							
Output voltage (1st harmonic)	0 – 3 x 400 V AC						0-3x 400V/ 230V AC ±5 %
Output frequency range	0,1 – 100 Hz						0,1 – 50 Hz
Nominal output current	4 A AC			63 A AC		72 A AC	80 A AC
Max. output current for 60 sec	6 A AC			90 A AC			160A AC/10s
Nominal power	3 kVA			44 kVA		50kVA	55kVA
<b>Other data</b>							
Efficiency	80 %/24 V DC		80 %	98 %			
Covering	IP 00		IP 20	IP 00		IP 20	IP 00
Weight	25,5 kg		28 kg	26 kg		27 kg	
Dimensions in mm (wxhxd)	470x260x515		493x300 x320	395x260x340		385x 360x36	494x 282x334 x466