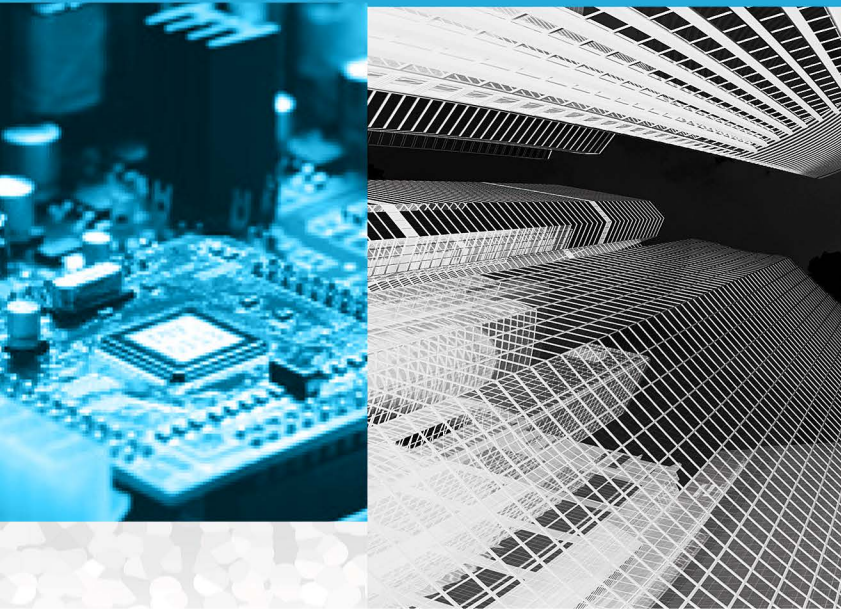


FREQUENCY CONVERTERS and INVERTERS

3 to 200 kVA





SPECIAL PRODUCTS

FREQUENCY CONVERTERS & INVERTERS

CNV and INV series 1 and 3 phase output frequency converters and inverters are digital microprocessors controlled products to run your mission critical equipment.

- Detailed monitoring by alphanumeric LCD panel
- 2 microprocessors 128 long event recording
- Separate battery supported clock and calendar
- RS232 or DRY contact relays custom voltages and frequency ranges
- 3 phase or single phase options
- SNMP communication
- 2 years warranty



Frequency Converters

CNV Series

Input	
Voltage	220/230V single phase - 380/400V 3 phase \pm 15% (other voltages; ask)
Frequency	50Hz./60Hz./400Hz. (\pm 5%)
Output	
Power (kVA)	5kVA to 300kVA 50Hz /60Hz /400Hz
Voltage	120/208V 60/400Hz - 230/400V 50/60Hz. (other voltage ranges available)
Voltage Regulation	+ 1% (balanced load) + 2% (unbalanced load)
Frequency	50/60/400Hz.
Frequency Stability	+ 0,2 Hz (free running)
Efficiency	%85 - %90
Protections	Short circuit protection, overload protection, output voltage out of tolerance protection
Output Waveform	Sinusoidal (THD < 3% for linear load)
Output Power Factor	0.8
Ambient Conditions	
Operating Temperature	0°C - 40°C
Storage Temperature	-15°C/+ 55°C
Proposed Temp. To Extend Battery Life	20- 25°C
Relative Humidity (%)	<95% non condensing
Protection Class	IP 20

Inverters

INV Series

Input	
Voltage	192 VDC - 400 VDC
Output	
Power (kVA)	3kVA -200kVA
Voltage	120/208 V, 60/400 Hz - 230/400V, 50Hz / 60Hz (other voltage ranges available)
Voltage Regulation	+ 1% (balanced load) + 2% (unbalanced load)
Frequency	50/60/400Hz
Frequency Stability	+ 0,2Hz (free running)
Efficiency	%85 - %90
Overcurrent Protection	Electronic protection
Voltage Protection	AC voltage low and high protection
Output Waveform	Sinusoidal (THD < 3% for linear load)
Load Power Factor	0.8
General	
Power Module	IGBT or IPM module
Font Panel	Alphanumeric LCD 2x16 characters
Control Buttons	5 buttons
Bypass	Available as option
Bypass Isolation	Available as option
Parallel Operation	Available as option (up to 4 devices)
Alarm Buzzer	Available
Emergency Power Off (EPO)	Available
DC Input Protection	3 level alarms
Communication Ports	RS232,Genset, SNMP, Relay Contacts,Input Contacts, Modbus and USB (optional)
Battery Temperature Sensor Contact	Available
Remote Display	Available



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

www.innovasis.com.tr