

# Inverters



Left hand picture:  
single 110 VDC module



Right hand picture: Assembly set 19" sub  
rack 2U incl. backplane for 3pcs. inverters  
INV2xx and 1pc. static switch STS207

## Product description

An INV-series inverter includes the newest switching technology with digital control. Due to this fact a dramatic reduction of volume and weight was achieved. With a state-of-the-art control solution it provides an excellent functionality and several protection features.

The inverter is able to run in parallel operation mode to increase the reliability of the AC system without any additional options. Additional modules can be integrated in wired slots during normal system operation. For higher reliability the hard wired synchronization bus between paralleled inverters is working in a redundant mode.

Up to 4 inverters can be installed in a 19"-subrack with only 2U. The module is prepared to operate with the new static switches of the STS series to increase the system availability furthermore.

## Key features

- 1/4 x 19", 2U
- Excellent overall efficiency and high regulation speed
- "Hot plug-in" design with backplane connection
- High power density
- CAN-Bus interface
- Ability for parallel operation
- Temperature-controlled fan cooling
- Redundant synchronization bus
- Excellent sinusoidal output
- Input over/under voltage shutdown, overload and short circuit-proof

## Available versions:

Type	input	output	capacity
INV215	24VDC	230VAC	1.5kVA
INV222	48VDC	230VAC	2.25kVA
INV222	60VDC	230VAC	2.25kVA
INV222	110VDC	230VAC	2.25kVA
INV222	220VDC	230VAC	2.25kVA