

# Inverter

## ZMTBP68300 Series

### AC-distribution, Static Switch and Manual Bypass for ZDTAC60000 Dual Inverters

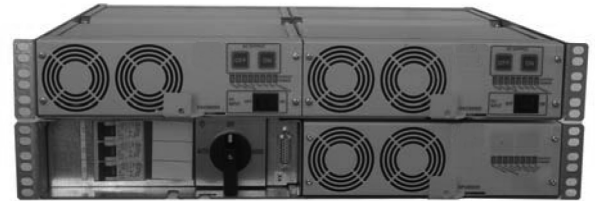
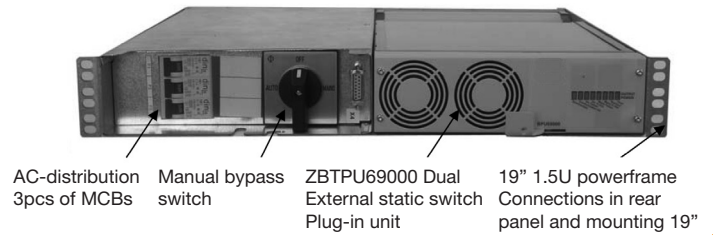
#### Modular Construction

ZMTBP68300 system consists of separate modules, which can be included in the system based on customer's needs. It may include all features: static switch, manual bypass and AC-distribution or only some of these features.

#### Complete Inverter System

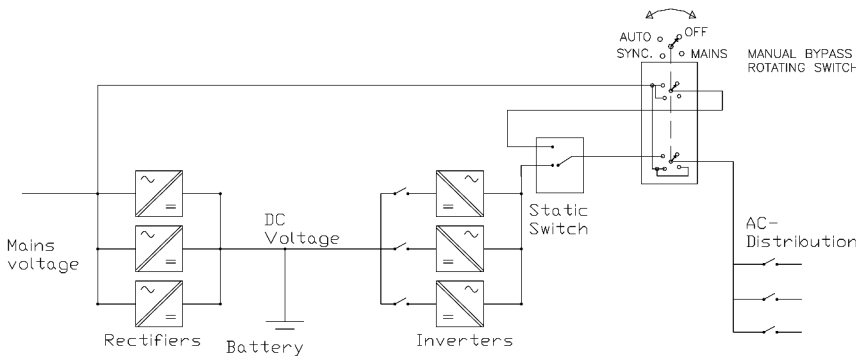
ZMTBP68300 fits ideally to be used with ZDTAC60000 Dual 19" 1.5U inverters. Up to 6pcs of 1500VA inverters max 7.5kVA n+1 can be installed in parallel including external static switch, manual bypass and AC-distribution. ZMTBP68300 and inverters are installed on top of each other in 19" cabinet.

Voltage 100...240VAC  
 Power rating 7.5 kVA, max 40A  
 4 pole manual bypass rotating switch  
 10mm<sup>2</sup> screw terminals for mains in and load



Units for Laboratory and Test

#### System level connection circuit:



Manual bypass switch positions:

- OFF  
No supply
- MAINS  
Mains supply  
No mains input for static switch
- SYNC  
Mains supply  
Mains input connected to static switch
- AUTO  
Inverter System supply

#### MANUAL BYPASS AND AC-DISTRIBUTION TYPE NUMBERS

Type	Description
ZMTBP68300	Manual bypass 7.5kVA, max 40A, 19" 1.5U x 450mm
ZMTBP68360	Manual bypass 7.5kVA, max 40A and AC-distribution unit for 3 pcs of output MCBs, 19" 1.5U x 450mm Select MCBs from table below, any combination is possible

#### STATIC SWITCH UNITS AND MECHANICAL PARTS

Type	Description
ZBTPU69230FR	External static switch, 7500VA 230VAC, 220mm x 64mm x 409mm module
ZBTPU69310FR	External static switch, 3750VA 115VAC, 220mm x 64mm x 409mm module

#### MCB ALTERNATIVES FOR ZMTBP68360

Type	Description	Type	Description
Z5T4100200	2A C-curve output MCB	Z5T4101001	10A B-curve output MCB
Z5T4100400	4A C-curve output MCB	Z5T4101601	16A B-curve output MCB
Z5T4100601	6A B-curve output MCB	Z5T4102001	20A B-curve output MCB
Z5T4100600	6A C-curve output MCB	Z5T4102501	25A B-curve output MCB