

# Zapi Products

## Inverter ac-3

The AC-3 Inverter is suitable for tow tractors and counterbalanced trucks fitted with asynchronous motors up to 16kW

### Technical details:

#### POWER SECTION

*Power supply:* 36,48,72,80,96 volt

*Maximum current:*

- (36v) 600Arms (3')
- (48v) 600Arms (3')
- (72v) 450Arms (3')
- (80v) 450Arms (3')
- (96v) 350Arms (3')

*Continuous output power:*

- (48V) 10000 W
- (80V) 12000 W

*Ambient Temperature range:* -40° + 40°C

*Maximum heatsink temperature:* 75°C (starts to reduce current)

#### MECHANICS

*Dimensions:* 250x300x111 mm

*Connector:* Molex Minifit / Amp Saab / Amp Ampseal

*Protection:* IP54

Available with 20 mm Al base plate or with finned heatsink

#### I/O

9 Digital inputs (input range - Batt ÷ +Batt )

3 Analog inputs (input range 0 ÷ 12 V )

1 Incremental encoder port

2 Outputs driving to - BATT:

- . LC driver 1,5 A continuous
- . EB driver 1,5 A continuous

#### OTHER FEATURES

16 bits microcontrollers

Flash memory

Can interface

Serial link

