

## AC-1 inverter



The AC-1 Inverter is suitable for order pickers, and stacker trucks fitted with motors up to 2.5kW

Sensorless/Sense Coil version

Same as above but with ZAPI patented sensorless/sense coil control algorithm to be used with encoderless AC motor.

### Technical details

#### Power section

Power supply: 24V 36V 48V 80V

Maximum current:

- (24V) 250 Arms (2')

- (36V) 250 Arms (2')

- (48V) 225 Arms (2')

- (80V) 160 Arms (2')

Current booster: 10% I<sub>max</sub> 10''

Continuous output power: 2500W

Ambient Temperature range: -30° +40° C

Maximum heatsink temperature: 75°C

(starts to reduce current)

#### Mechanics

Dimensions: 150x210x74 mm

Connector: Molex Minifit

Protection: IP54

Available with finned heatsink

#### I/O

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

3 Analog inputs (input range 0 ÷ 12V)

1 Incremental encoder port

4 Outputs driving to - Batt:

1 Output driving to + Batt

#### Other features

Flash memory

Can interface

Serial link

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