

ACE-2 & ACE-2 PW



The ACE2 Inverter is suitable for reach and counterbalanced trucks with single or twin drive motors, high level order pickers and tow tractors fitted with asynchronous motors up to 9kW.

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 96V

Maximum current ACE2:

- (24V) 450 Arms (2')
- (36V, 48V) 400 Arms (2')
- (80V) 250Arms (2')

Maximum current ACE2 PW:

- (24V) 500 Arms (2')
- (36V, 48V) 500 Arms (2')
- (80V) 350Arms (2')
- (96V) 300Arms (2')

Ambient Temperature range: -40° +40°C

Maximum heatsink temperature: 85°C
(starts to reduce current)

Mechanics

ACE2 dimensions: 150x200x95 mm

ACE2 PW dimensions: 185x200x95 mm

Connector: Ampseal

Protection: IP65

Available with Al base plate or with fitted heatsink

I/O

4 Digital Inputs (input range - Batt ÷ + Batt)

2 Analog inputs (input range 0 ÷ 12V)

2 Outputs driving to - Batt, PWM controlled, 2,0 A continuous current

1 Output to - Batt 1,0 A continuous current

Other features

Flash memory embedded

Can interface

Serial link

[Back](#)