

AC-X Inverter



The AC-X Inverter is suitable for pedestrian, small stacker trucks and cleaning machines fitted with asynchronous motors up to 900W.

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:

- (24,36V) 100 Arms (2')

- (48V) 80 Arms (2')

- (80V) 100Arms (2')

Continuous output power: 900W

Ambient Temperature range: -30° +40° C

Maximum heatsink temperature: 78°C
(starts to reduce current)

Mechanics

Dimensions: 120x150x54 mm

Connector: Molex Minifit

Protection: IP54

I/O

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

2 Analog inputs (input range 0 ÷ 12V)

1 Incremental encoder port

4 Outputs driving to - Batt:

1 Output driving to + Batt (optional)

Other features

Flash memory

Can interface

Serial link