

AC-0 Inverter



The AC-0 Inverter is suitable for Pedestrian, small stacker trucks and Cleaning machine fitted with asynchronous motors up to 1.8 kW.

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
Maximum current: 150 Arms (2') (120Arms @48V)
Current booster: 10% I_{max} 10''
Continuous output power: 1800W
Ambient Temperature range: -30° +40°C
Maximum heatsink temperature: 78°C
(starts to reduce current)

Mechanics

Dimensions: 140x180x58 mm
Connector: Molex Minifit
Protection: IP54

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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