



**EQACC SOLAR**

# **1KW Motor Inverter**



## Overview

---

What is mspm0g1507 motor inverter?

This reference design illustrates a motor inverter with MSPM0G1507, an Arm® Cortex®-M0+ core microcontroller. The design not only supports a sensorless Field Orientation Control (FOC) algorithm with 1-3 shunt resistors, but also a sensored motor driving algorithm with a Hall-effect Sensor or Quadrature Encoder Interface (QEI) sensor.

What is a reprogrammable power inverter?

OwnTech's OWNVERTER reprogrammable power inverter is a bi-directional 1kW three-phase inverter. It features a 12V to 72V low side and a single 10V to 100V high side. Its maximum current value is 13A per power channel. It is compatible with multiple types of speed sensors such as sin-cos and hall. A reasonable power rating is 1kW.

How do you connect a DC inverter to a power supply?

Connect a motor cable to the terminals J4, J5, and J6. Apply a DC bus power, AC power supply or AC mains power to the inverter by connecting the power to J1, J2, and J3. The maximum output of the DC power supply is 380VDC. The maximum output of the AC power supply is 265VAC, 50/60Hz. AC main power is 220VAC, 50/60Hz.

What is a synchronous motor inverter?

It's an inverter that lets you adjust the speed and torque of synchronous and asynchronous motors to optimise performance. As it converts AC to DC power, the unit reduces electrical energy losses and boosts efficiency. The 1.1kW power rating makes it suitable for heavy-duty use.

## 1KW Motor Inverter

---



### **EPC9145 KIT - 1 kW 3-phase BLDC Motor Drive Inverter ...**

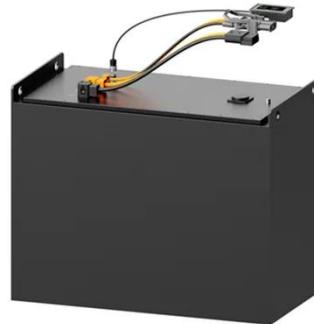
The EPC9145 demonstration board is a 3-phase BLDC motor drive inverter board featuring the EPC2206 eGaN FET 2.2 m? maximum RDS (on), 80 V maximum device voltage, it can ...

[Get Price](#)

---

## **China 1kw Power Inverter, 1kw Power Inverter Wholesale, ...**

The 1kw Power Inverter is a standout piece in our Solar Inverter collection. When selecting a supplier for solar inverters in China, factors to consider include product quality, certifications, ...



[Get Price](#)

---



### **1kW BLDC Motor Inverter Reference Design (Rev. B)**

Description This reference design illustrates a motor inverter with MSPM0G1507, an Arm® Cortex®-M0+ core microcontroller. The design not only supports a sensorless Field ...

[Get Price](#)

---

## Unidrive SP 1.1kW Three Phase AC Inverter , 415VAC , ACDC ...

A Great Reliable Drive For General Purpose Applications. Reliable, Efficient And Cheap Unidrive SP's. We Have The Entire Range In Stock Ready To Dispatch.

[Get Price](#)



## Motor Inverter 1KW

Explore a wide selection of variable frequency drivers & motor inverters for industrial automation, compressors, AC motors, and more. Find high-efficiency DC/AC inverters, pure sine wave ...

[Get Price](#)

## TIDA-010250 reference design , TI

This reference design illustrates a motor inverter with MSPM0G, an Arm® Cortex®-M0+ core microcontroller. The design not only supports a sensorless Field Oriented Control (FOC) ...

[Get Price](#)



## Motor Inverter 1kw China Trade,Buy China Direct From Motor Inverter 1kw

About motor inverter 1kw 0 motor inverter 1kw products are offered for

sale by suppliers on Alibaba , of which inverters & converters accounts for 0%, variable frequency drivers ...



[Get Price](#)

---

## Schneider Electric Variable Speed Drive, 1.1 kW, 3 phase

This three-phase variable-speed drive from Schneider Electric provides precision control over your machinery. It's an inverter that lets you adjust the speed and torque of synchronous and ...

[Get Price](#)



## Unidrive SP 1.1kW Three Phase AC Inverter , ...

A Great Reliable Drive For General Purpose Applications. Reliable, Efficient And Cheap Unidrive SP's. We Have The Entire Range In Stock Ready To ...

[Get Price](#)

---

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.eqacc.co.za>