

Control Electronic Unit "CEU100"

PRODUCT OVERVIEW:

The Control Electronic Unit (CEU) is a compact high power controller targeted for motor drive and APU power generation application. This converter was designed for high efficiency through the use of state of the art semiconductor components. Integrated control software enables fast response times and safe operation. The CEU is capable of driving either PM or induction motor.

- 100kW Motor drive with hybrid control unit
- Drive unit for HPM450 and HPM1000

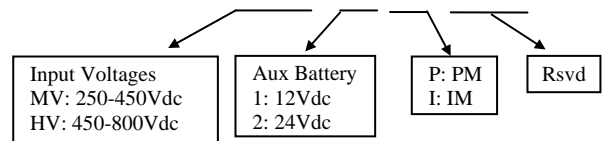


System Features:

- Compact Integrated packaging (L=420mm, W=320mm, H=144mm)
- DC Input Voltage Range: 200-450V DC or 500-800 VDC
- Dual CAN bus, J1939 compatible
- Remote wireless communication and diagnostics.
- Short Circuit, OC, O/U V and OT protection.
- Configuration management via CAN and RS232 interface.

PART NUMBERING:

CEU100□□ □□ □□



Motor Drive Features:

CAN or analog Interface to ECU, battery management, and driver interface

Four quadrant motor drive, with torque/speed control, DC bus voltage and current limiting

Easy interface with battery management system, enabling regenerative braking

APPLICATIONS:

Hybrid Vehicle Systems for Commercial, Military and off-road Applications. Stationary and mobile power generation.



