



STARS

Electric Motor Controllers

Traction, Hydraulic Pump, Fan Applications



250-Series



350-Series



450-Series



600-Series

Suitable for AC induction motor (IM motor), Permanent magnet AC motor (PMAc) and BLDC motor.

- Support Lithium battery and Lead acid battery
- Low noise, high efficient and newest driving technology
- Support Encoder, Hall sensor, sin/cos sensor
- FOC and Sine wave motor controller
- Simple size and high weight/power density
- Four quadrant EV motor control technology
- Regenerative braking
- Anti-roll-back/Anti-roll-forward function
- CAN 2.0 function
- Real time status LED
- 2 individual PWM drivers for main contactor and electronic magnetic brake
- Protect functions :
 - Over/Low voltage protection,
 - Motor temperature protect,
 - Over/Under temperature protection
 - Real time current protect

CANbus



Instrument



Left Motor



Right Motor



Pump Motor

Support Multi-Controller Control

	250-Series				350-Series				450-Series				600-Series			
Motors	Induction Motor (IM motor), Permanent Magnet Motor (PMAc), Brushless Motor (BLDC Motor)															
Voltage	24	48	72	96	24	48	72	96	24	48	72	96	24	48	72	96
Max. Current	250	220	150	150	350	350	200	230	450	450	400	300	600	600	600	500
Dimension(mm)	152.4x142x73.7				159x194x78.2				193x194x78.2				330x502x94			
Weight(kg)	1.3				1.9				2.5				4			

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