

Electrical Vehicle Driver

72V-60/120/180 Amp



Features

- Maximum efficiency design to drive AC induction motor and PM motor
- Regenerative braking is adopted
- Low electrical resistance
- The Sinewave PWM type: Flux Vector
- IGBTs for high efficiency
- No derating under 70 °C
- Chassis design with lightweight aluminum material
- Waterproof for the harsh environment
- Protection
 - Over voltage and under voltage protection for the battery
 - Over temperature for the inverter and motor
 - Analog over current protection based on DSP current control
 - Over speed torque limit
- RS232/485 communication port
- CANBUS for communication with other device



Specifications

72VDC Class

Model No.	EVD-60S	EVD-120S	EVD-180S
Rated Operating Input Voltage	60~96 Vdc		
1 Hour Output	60 Amp	120 Amp	180 Amp
2 Min Output	180 Amp	360 Amp	540 Amp
Current Limit	180 Amp	360 Amp	540 Amp
Enclosure	IP 54, Air Cooling		
Dimension (W x L x H)	208 x 235 x 155 mm	224 x 268 x 157 mm	228 x 319 x 157 mm
Weight	6 Kgs	8 Kgs	12 Kgs

Electrical Vehicle Driver

300V-20/30/45/60/100/150 Kw



Features

- Maximum efficiency design to drive AC induction motor and PM motor
- Regenerative braking is adopted
- Low electrical resistance
- Internal contactor with precharge circuitry
- The Sinewave PWM type: Flux Vector
- IGBTs for high efficiency
- No derating under 70 °C
- Chassis design with lightweight aluminum material
- Waterproof for the harsh environment
- Protection
 - Over voltage and under voltage protection for the battery
 - Over temperature for the inverter and motor
 - Analog over current protection based on DSP current control
 - Over speed torque limit
- RS232/485 communication port
- CANBUS for communication with other device



Specifications

300VDC Class

Model No.	EVD-20KL	EVD-30KL	EVD-45KL	EVD-60KL	EVD-100KL	EVD-150KL
Rated Operating Input Voltage	200~400 Vdc					
Continuous Output	80 Amp	110 Amp	160 Amp	220 Amp	320 Amp	500 Amp
Max. Current Limit	240 Amp	330 Amp	480 Amp	660 Amp	960 Amp	1500 Amp
Enclosure	IP 54, Air Cooling					
Dimension (W x L x H)	350x250x290 mm	288x466x294 mm	288x466x294 mm	288x626x294 mm	288x756x294 mm	515x770x280 mm
Weight	18 Kgs	20 Kgs	20 Kgs	30 Kgs	36 Kgs	42 Kgs

