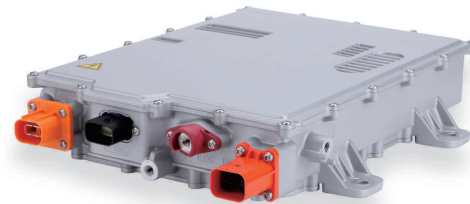


Highlights

- ⦿ High power density
- ⦿ Intelligent charging modes
- ⦿ Full set of protections
- ⦿ CAN2.0B interface
- ⦿ Capable of parallel operation
- ⦿ SAE J1772 or IEC 61851 compliance
- ⦿ IP67 enclosure



Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
CA110K-1DL	265-480Vac (3Φ)	200-480Vdc	10kW	Liquid
CAD26K6A-142K5L	85-265Vac	200-480Vdc (OBC)	6.6kW (OBC)	Liquid
		13.5Vdc (DC-DC)	2.5kW (DC-DC)	
CBD36K6A-142K5L	85-265Vac	200-480Vdc (OBC)	6.6kW (OBC)	Liquid
		13.5Vdc (DC-DC)	2.5kW (DC-DC)	
		110Vac / 1.6kW or 220Vac / 3.3kW (Inverter)		
CA16K6-2A	85-265Vac	400-850Vdc	6.6kW	Liquid
CAD26K6B-142K5L	85-265Vac	400-850Vdc (OBC)	6.6kW (OBC)	Liquid
		14Vdc (DC-DC)	2.5kW (DC-DC)	
CAD26K6B-283K0L	85-265Vac	400-850Vdc (OBC)	6.6kW (OBC)	Liquid
		28Vdc (DC-DC)	3.0kW (DC-DC)	
CA113K-2AL ^①	85-265Vac	400-850Vdc	13kW	Liquid
CAD213KB-145K0L ^①	85-265Vac	400-850Vdc (OBC)	13kW (OBC)	Liquid
		14Vdc (DC-DC)	5.0kW (DC-DC)	
CAD213KB-286K0L ^①	85-265Vac	400-850Vdc (OBC)	13kW (OBC)	Liquid
		28Vdc (DC-DC)	6.0kW (DC-DC)	

①: To be released



EV ON-BOARD CHARGERS & DC-DC CONVERTERS

EV On-Board DC-DC Converters

Highlights

- ⦿ Programmable battery charging current
- ⦿ Full set of protections
- ⦿ CAN2.0B interface
- ⦿ Bootloader via CAN bus
- ⦿ Capable of parallel operation
- ⦿ IP67 enclosure

Customization

- ⦿ Input reverse polarity protection
- ⦿ Customized CAN communication
- ⦿ J1939 communication, bootloader, diagnostic
- ⦿ UDS bootloader, diagnostic
- ⦿ MPPT for PV

400-850V Input DC-DC Converters

Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
CD1800-xxB	400-850V	14, 28, 48V	0.8kW	Conduction
DE12K5-xxB	400-850V	14V	2.5kW	Liquid / Conduction
DE13K0-xxB	400-850V	28V	3.0kW	Liquid / Conduction
DG14K0-xxB	400-850V	14, 28V	4.0kW	Liquid
DG15K0-xxB	400-850V	14V	5.0kW	Liquid
DG16K0-xxB	400-850V	28V	6.0kW	Liquid



250-430V Input DC-DC Converters

Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
DE13K0-xxA	250-430V	14, 28V	3.0kW	Liquid / Conduction
DG14K0-xxA	250-430V	14, 28V	4.0kW	Liquid
DG15K0-xxA	250-430V	14, 28V	5.0kW	Liquid
DG16K0-xxA	250-430V	14, 28V	6.0kW	Liquid

Note: xx stands for output voltage.



65-120V Input DC-DC Converters

Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
CD11K5-xxL	65-120V	14, 28V	1.5kW	Liquid / Conduction
CD13K0-xxL	65-120V	14, 28V	3.0kW	Liquid
CD14K2-xxL	65-120V	28, 55V	4.2kW	Liquid



9-30V Input DC-DC Converter

Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
PD1600-450L	9-30V	255-450V	600W	Conduction

HV-to-HV DC-DC Converter

Highlights

- ⦿ Programmable battery charging current
- ⦿ Bi-directional buck-boost operation
- ⦿ Full set of protections
- ⦿ CAN2.0B interface
- ⦿ Bootloader via CAN bus
- ⦿ Capable of parallel operation
- ⦿ IP67 enclosure

Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
NBD130K-450B ^①	250-850V	250-850V	30kW	Liquid

①: To be released