

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
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)		
CA16K6-2AL	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)	

EV ON-BOARD CHARGERS & DC-DC CONVERTERS 2023-2024



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



65-120V Input DC-DC Converters

Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
CD11K5-xxLy	65-120V	14, 28V	1.5kW	Liquid / Conduction



250-430V Input DC-DC Converters

Part No.	Input Voltage	Output Voltage	Output Power	Cooling Method
DE13K0-xxAy	250-430V	14, 28V	3.0kW	Liquid / Conduction
DG14K0-xxAL	250-430V	14, 28V	4.0kW	Liquid
DG15K0-xxAL	250-430V	14, 28V	5.0kW	Liquid
DG16K0-xxAL	250-430V	14, 28, 48V	6.0kW	Liquid

Note: xx stands for output voltage.
y can be L (Liquid) or C (Conduction).

400-850V Input DC-DC Converters



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

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-500BL	250-850V	250-850V	30kW	Liquid

Note: xx stands for output voltage.
y can be L (Liquid) or C (Conduction).