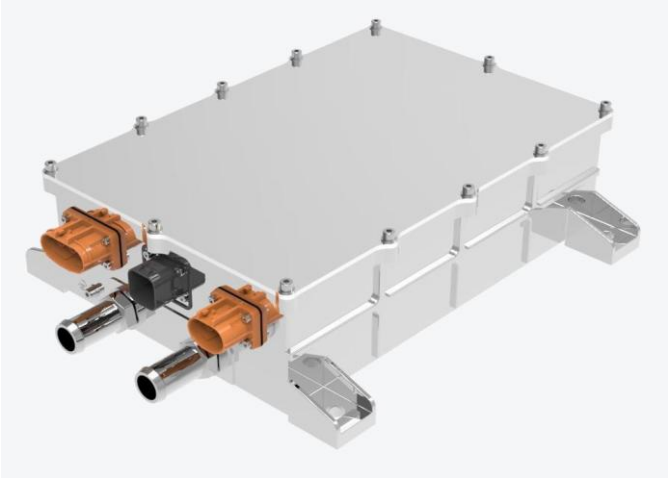
Auxiliary DC/DC Converter DIA Series

3 / 6 / 12 kW series · 80–1100 Vdc input · Liquid or air cooled





Product Features

- Optional liquid cooling / air cooling, IP67 rated
- Fully digital control
- Isolated power, high anti-interference
- Dual hardware & software protection
- CAN communication with Bootloader support
- Built-in parameters upgradable via background software
- EMC compliant with GB; compatible with CE, UL

Typical application

- Commercial vehicles: trucks, coaches, on-board DCDC
- Construction machinery: loaders, on-board DCDC
- Electric vessels: large ships, on-board DCDC
- Agricultural machinery: tractors, on-board DCDC
- Special vehicles: sanitation trucks, on-board DCDC

Auxiliary DC/DC Converter DIA Series

Selection tables · 3 kW / 6 kW / 12 kW

3kW Series Selection Table

Product model	Rated Vin	Vin range	Rated Pout	Rated Vout	Iout range
DIA2605-XXX-XX	144V	80-200VDC	3.0KW	27V	0-109A
DIA2606-XXX-XX	360V	200-500VDC	3.0KW	27V	0-109A
DIA2607-XXX-XX	540V	400-900VDC	3.0KW	27V	0-109A
DIA2607-XXX-XX	720V	500-1000VDC	3.0KW	27V	0-109A

6kW Series Selection Table

Product model	Rated Vin	Vin range	Rated Pout	Rated Vout	Iout range
DIA2481-XXX-XX	540V	600-1000VDC	6.0KW	720V	0-9A
DIA2487-XXX-XX	720V	400-900VDC	6.0KW	27.5V	0-220A
DIA2487-XXX-XX	540V	500-1100VDC	6.0KW	27.5V	0-220A
DIA2488-XXX-XX	540V	400-900VDC	6.0KW	54V	0-111A
DIA2489-XXX-XX	540V	400-900VDC	6.0KW	72V	0-80A

12kW Series Selection Table

Product model	Rated Vin	Vin range	Rated Pout	Rated Vout	Iout range
DIA2981-XXX-XX	540V	600-1000VDC	12KW	720V	0-18A
DIA2987-XXX-XX	720V	400-900VDC	12KW	27.5V	0-440A
DIA2987-XXX-XX	540V	500-1100VDC	12KW	27.5V	0-440A
DIA2988-XXX-XX	540V	400-900VDC	12KW	54V	0-222A
DIA2989-XXX-XX	540V	400-900VDC	12KW	72V	0-160A