

# DCDC

DC-DC Enclosed 240W

ATOMBOTIX



## Space-Saving, Rack-Ready Design



1U low profile (39 mm)

## Enhanced Safety



Ultra-High Voltage Isolation  
4000VDC I/O isolation

## Extra Load Capacity



Supports 150% peak current for  
high inrush or startup demands

## Optimized for AGV & AMR



EN50155 railway standard  
guarantee smooth performance in mobility

## Versatile Input Flexibility



2:1 wide input range

## Comprehensive Protection



Short circuit / Overload / Over  
voltage / Over temp./ Input  
reverse polarity

| pec                    | DDR-240B-24                                                                                                                                                                                                                                            | DDR-240B-48        | DDR-240C-24        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|
| Wattage                | 240 W                                                                                                                                                                                                                                                  | 240 W              | 240 W              |
| Output Current         | 0-10 A                                                                                                                                                                                                                                                 | 0-5 A              | 0-10 A             |
| Output Voltage         | 24 V                                                                                                                                                                                                                                                   | 48 V               | 24 V               |
| Output Voltage Options | Single                                                                                                                                                                                                                                                 | Single             | Single             |
| DC output adjustment   | 24-28                                                                                                                                                                                                                                                  | 48-56              | 24-28              |
| Dimensions             | 40 x 125.2 x 113.5                                                                                                                                                                                                                                     | 40 x 125.2 x 113.5 | 40 x 125.2 x 113.5 |
| Working Temperature    | -40 - 70°C                                                                                                                                                                                                                                             |                    |                    |
| Safety Standards       | IEC 62368-1 (LVD, except for 67.2-154VIN) approved,<br>EAC TP TC 004 approved; Design refer to UL508                                                                                                                                                   |                    |                    |
| EMC Standards          | Compliance to EN55032, EN61000-3-3. Compliance to EN55024,<br>EN61000-6-2 (EN50082-2), EN61000-4-2,3,4,5,6,8. Compliance to<br>EN45545-2 for fire protection ; Meet EN50155 / IEC60571 including<br>IEC61373 for shock & vibration EN50121-3-2 for EMC |                    |                    |

| pec                    | DDR-240C-48                                                                                                                                                                                                                                            | DDR-240D-24    | DDR-240D-48    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| Wattage                | 240 W                                                                                                                                                                                                                                                  | 240 W          | 240 W          |
| Output Current         | 0-5 A                                                                                                                                                                                                                                                  | 0-10 A         | 0-5 A          |
| Output Voltage         | 48 V                                                                                                                                                                                                                                                   | 24 V           | 48 V           |
| Output Voltage Options | Single                                                                                                                                                                                                                                                 | Single         | Single         |
| DC output adjustment   | 48-56                                                                                                                                                                                                                                                  | 24-28          | 48-56          |
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