

# AETES

## 600V DC CONVERTER 8A

*DIN Rail and Panel Mountable*  
*Wide Temperature Range*  
*Industrial Grade Design*

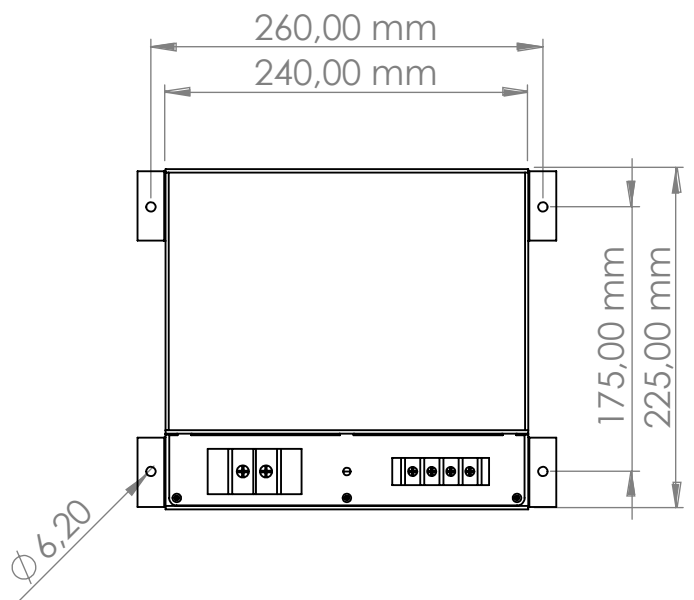
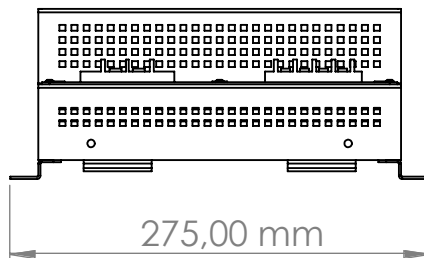
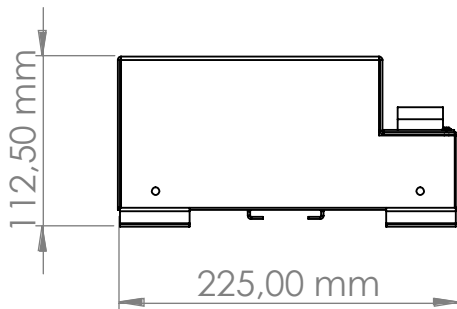
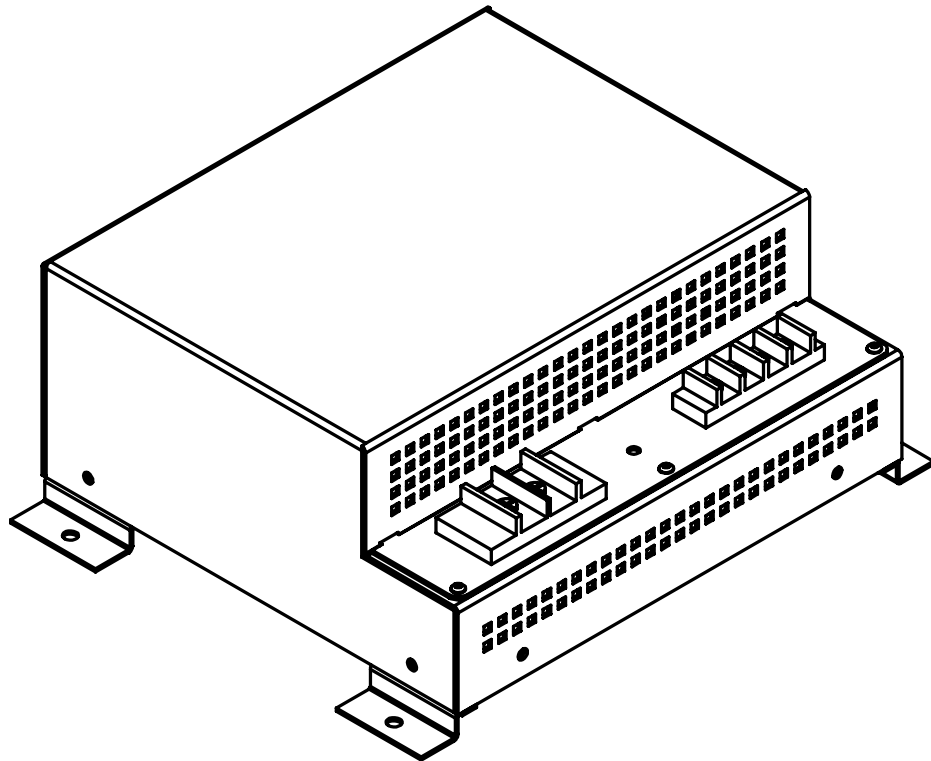


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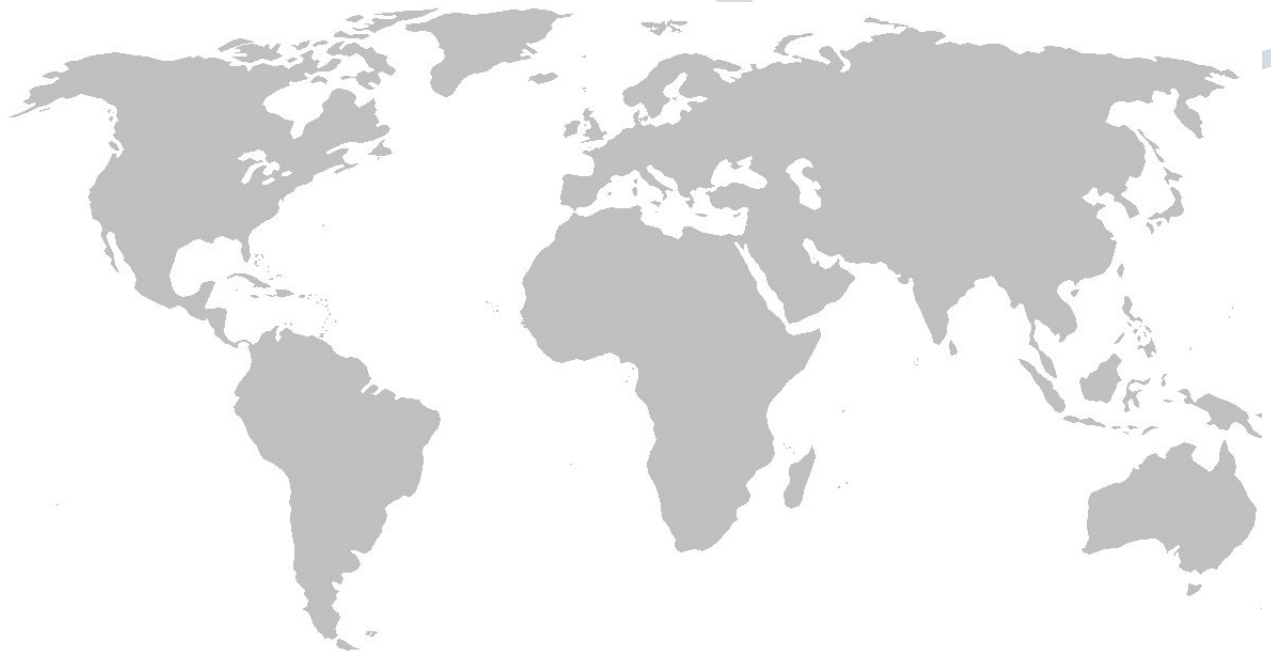
## Specification

| ITEMS                       | MODEL | 600-24-08A-DN   | 600-28-08A-DN | 600-48-08A-DN |
|-----------------------------|-------|---|---------------|---------------|
| Input Voltage Range         | -     | 600V DC (350V... 850V DC)   |               |               |
| Output Voltage              | -     | 24VDC   | 28VDC         | 48VDC         |
| Input Current (600VDC )     | -     | 0.5A  | 0.7A          | 0.9A          |
| Max. Output Current (DC)    | -     | 8A (200 Watt)   | 8A (300 Watt) | 8A (400 Watt) |
| Cooling                     | -     | Natural   |               |               |
| Over Current Protection     | -     | >105%, Constant current style   |               |               |
| Over Voltage Protection     | V     | 125% -140%  |               |               |
| Over Temperature Protection | -     | Yes   |               |               |
| Hold Up Time (Typ)          | ms    | 12ms at 600VDC  |               |               |
| Efficiency( 600VDC )        | %     | 87  |               |               |
| Load Regulation (max.)Line  | %     | 2.0   |               |               |
| Regulation (max.)           | %     | 0.5   |               |               |
| Ripple Noise (max.)         | mV    | 200   |               |               |
| Panel Mounting Kit          | -     | Included  |               |               |
| Dual Output                 | -     | (12V+28V or 24V+48V etc.) Optionally                                    |               |               |
| Customized Output Voltage   | -     | (12V...15V / 25V..30V / 52V...56V / 90V...100V) Optionally              |               |               |
| Enclosure Color             | -     | Anthracite Grey (RAL7016 Texture)                                       |               |               |
| Operating Temperature       | -     | -25°C to 70°C, derating linearly to 50% load above 50°C                 |               |               |
| Storage Temperature         | -     | -40°C to +75°C  |               |               |
| Humidity(non condensing)    | -     | 30 - 90% RH operating, 10 - 90%RH non operating                         |               |               |
| Withstand Voltage (1 min)   | -     | Input to Ground 2kV AC, Input to Output 3kV AC, Output to Ground 2KV DC |               |               |
| MTBF                        | -     | MIL-HDBK-217F@25°C≥ 300,000 h   |               |               |
| Case Material               | -     | Aluminum  |               |               |
| Isolation Resistance        | -     | >100MΩ at 25°C & 70%RH, Output to Ground 500VDC                         |               |               |
| Vibration Compatibility     | -     | MIL-STD-810F 514.5 CAT. 4, 10   |               |               |
| Shock Compatibility         | -     | <196.1 m/s <sup>2</sup>   |               |               |
| Immunity Compatibility      | -     | EN61000-4 -2 -3 -4 -5 -6  |               |               |
| Safety Compatibility        | -     | EN62109   |               |               |
| EMI Compatibility           | -     | EN55032 FCC Class A   |               |               |
| Weight (Typ)                | -     | 2,2 kg  | 3,3 kg        | 3,3 kg        |
| Size ( D x H x W )          | mm    | 100 x 225 x 240   |               |               |
| Warranty                    | yrs   | 3   |               |               |

# Drawing



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