

AETES

EPK 125VDC to AC Inverter

Operating Range -10°C to +70°C

Power Boost of 400% for 1sec

50 Hz or 60 Hz Switchable

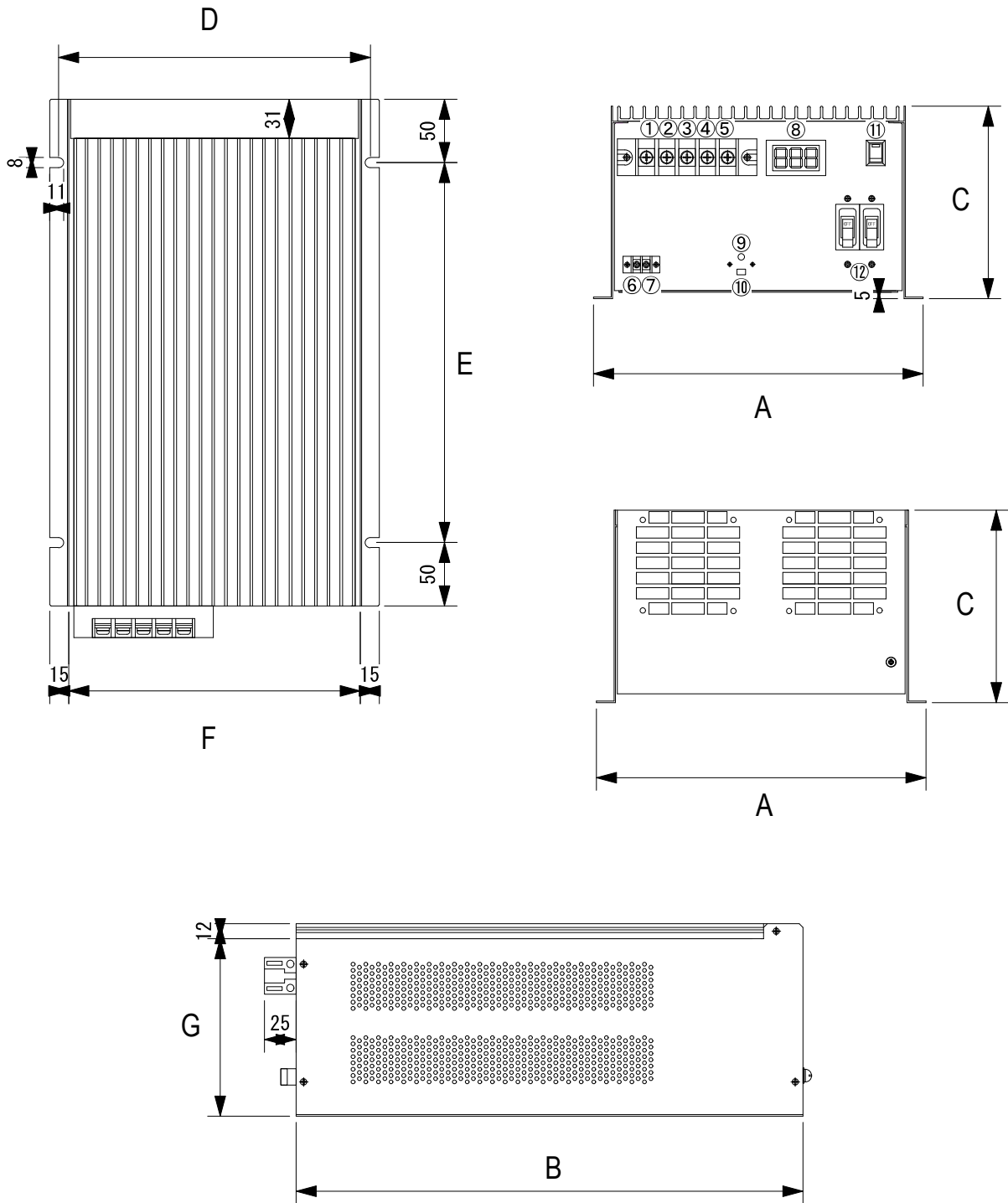


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Specification

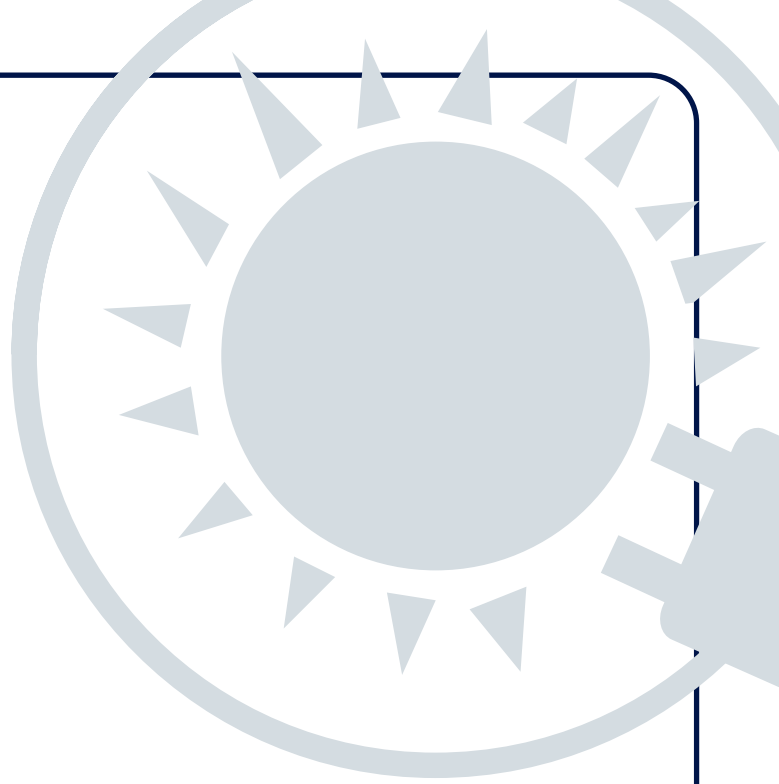
| ITEMS | MODEL | EPK-125-1P3-1K0 | EPK-125-1P3-1K5 | EPK-125-1P3-2K0 |
|-----------------------------------|-------|--|--------------------------|---------------------------|
| Output Power [Continuous] | | 1000VA (1000W) | 1500VA (1500W) | 2000VA (2000W) |
| Output Power Boost Capability | | 2000W for 10 min. at 20°C | 3000W for 1 min. at 20°C | 4000W for 10 min. at 20°C |
| Output Peak Capability | | 4000 W for 1 sec. | 6000W for 1 sec. | 8000W for 1 sec. |
| Input Voltage Range | | 108V...162V DC | | |
| Output Voltage | | 1-Phase (P-N) 110V, 120V, 127V, 220V AC (Order Option) | | |
| Output Frequency | | 50Hz / 60Hz (Switchable) | | |
| Input Reverse Polarity Protection | | Yes | | |
| Output Over Load Protection | | Yes | | |
| Over Temperature Protection | | Yes >+80°C | | |
| Short-Circuit Protection | | Yes | | |
| Efficiency Typ. | | >85% | | |
| Line Regulation (max.) | | <±5% | | |
| Load Regulation (max.) | | <±2% | | |
| THD Linear (max.) | | <±5% | | |
| Remote ON / OFF | | Yes | | |
| Status Indicator LED Display | | Yes | | |
| Remote Monitoring | | (Optional) | | |
| Soft Start | | Customable 0 to 20 seconds (Optional) | | |
| Enclosure Material / Color | | Metal / Black & Grey (RAL7016) | | |
| Cooling | | Internal Fan-Forced >+50°C | | |
| Operating Temperature | | -10°C to +70°C (Derating linearly to 50% load above +45°C) | | |
| Storage Temperature | | -40°C to +85°C | | |
| Humidity (Non Condensing) | | 20-90% RH operating and non operating | | |
| Withstand Voltage (One Minute) | | Input to Ground 1500VAC, Input to Output 1500VAC, Output to Ground 1500VAC | | |
| Isolation Resistance | | >50MΩ at +25°C & 95%RH, Output to Ground 500VDC | | |
| Safety Compatibility | | EN60950-1 | | |
| EMI Compatibility | | EN55032 Class B | | |
| Weight (Typ) | | 8.5 kg | 10.2 kg | 13.4 kg |
| Dimensions | | A:260 B:400 C:155mm | A:260 B:480 C:175 mm | A:260 B:400 C:240 mm |
| Warranty | | 2-YEAR | | |

Drawing



EPK-125-1P3-1K0

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