

# AETES

## XPM | 130VDC Power Supply

Power Boost of 125-150% (10s)  
Industrial Grade Design  
5 Years Warranty

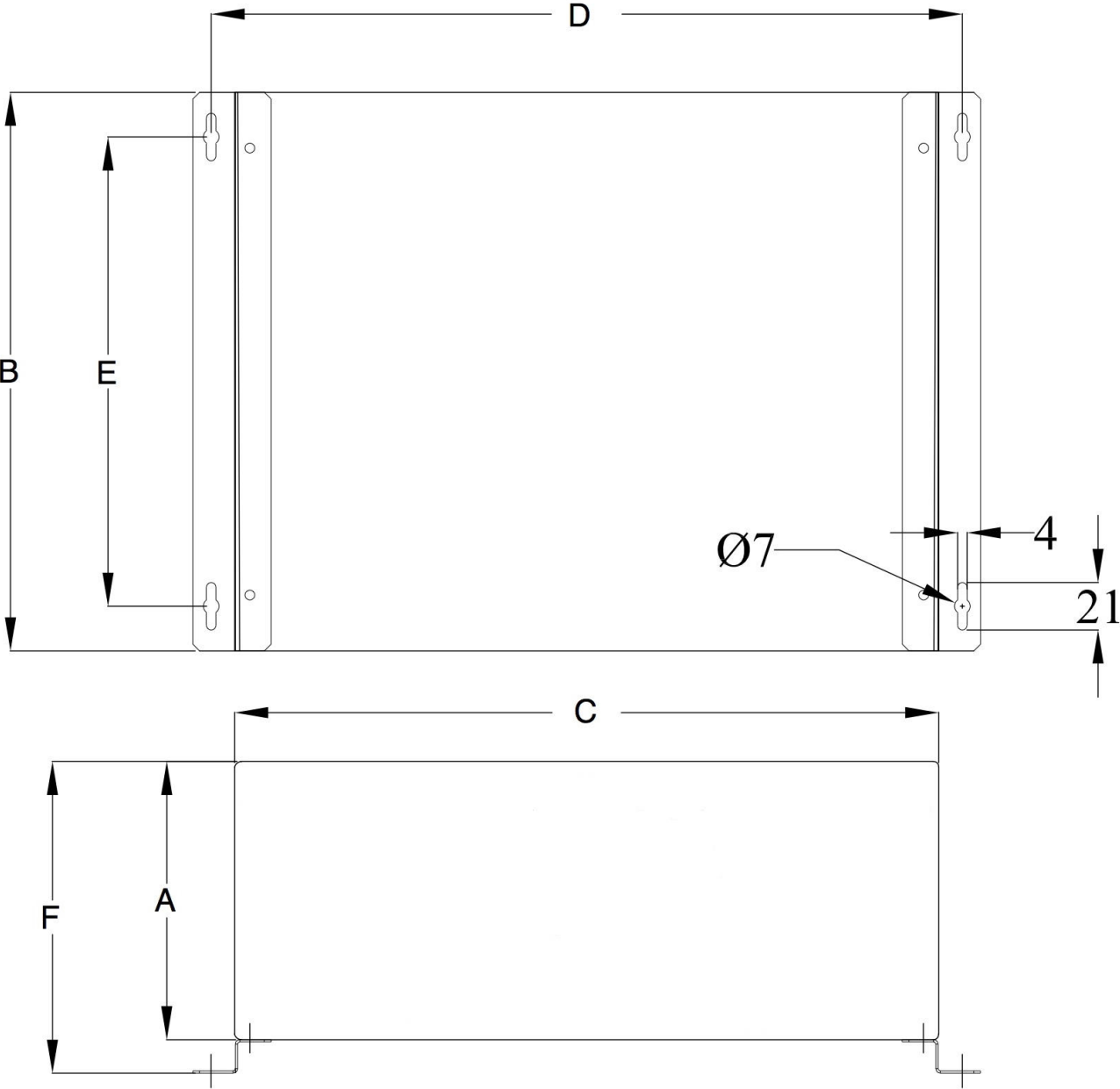


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## Specification

| ITEMS                            | MODEL                                                                   | XPM-1P3-130-2K1   | XPM-1P3-130-3K1   | XPM-1P3-130-4K2                   | XPM-1P3-130-5K2 |
|----------------------------------|-------------------------------------------------------------------------|-------------------|-------------------|-----------------------------------|-----------------|
| Output Voltage                   | 130VDC                                                                  |                   |                   |                                   |                 |
| Max. Output Current (DC)         | 16A (2100 Watt)                                                         |                   | 24A (3100 Watt)   | 32A (4200 Watt)                   | 40A (5200 Watt) |
| Output Power Reserve             | 125% for 10sec. at 25°C & >200VAC                                       |                   |                   | 150% for 10sec. at 25°C & >200VAC |                 |
| Input Voltage Range              | 100V/.../240V AC (86V...264V) 50/60 Hz (47...63 Hz)                     |                   |                   |                                   |                 |
| Input Current (120/230 VAC)      | 24A/ 12A                                                                | 37A/ 19A          |                   | 52A/ 27A                          | 60A/ 33A        |
| Power Factor                     | >0.9 (Meets EN61000-3-2 Class A)                                        |                   |                   |                                   |                 |
| Overcurrent Protection           | >105-125% Constant current style                                        |                   |                   | >105-150% Constant current style  |                 |
| Overvoltage Protection           | 125% -140%                                                              |                   |                   |                                   |                 |
| Hold Up Time (Typ)               | 20ms                                                                    |                   |                   |                                   |                 |
| Efficiency (Full Load) (230V AC) | 88%                                                                     |                   |                   |                                   |                 |
| Load Regulation (max.)           | 500 mV                                                                  |                   |                   | 576 mV                            |                 |
| Line Regulation (max.)           | 384 mV                                                                  |                   |                   | 384 mV                            |                 |
| Ripple Noise (max.)              | 450 mV                                                                  |                   |                   | 600 mV                            |                 |
| Remote On/Off                    | Yes                                                                     |                   |                   |                                   |                 |
| Status Indicator                 | White: OFF   Blue: READY   Green: ON   Red: FAULT                       |                   |                   |                                   |                 |
| Dry Contacts (Ready / Fault)     | Yes                                                                     |                   |                   |                                   |                 |
| Enclosure Color                  | Grey (RAL7035)                                                          |                   |                   |                                   |                 |
| Operating Temperature            | -20°C...+70°C, derating linearly to 50% load above +50°C                |                   |                   |                                   |                 |
| Storage Temperature              | -40°C to +85°C                                                          |                   |                   |                                   |                 |
| Humidity (non condensing)        | 30-90% RH operating, 10-90% RH non operating                            |                   |                   |                                   |                 |
| Cooling                          | Internal fan                                                            |                   |                   |                                   |                 |
| Withstand Voltage (One minute)   | Input to Ground 2kVAC, Input to Output 3kVAC<br>Output to Ground 500VAC |                   |                   |                                   |                 |
| Isolation Resistance             | >100MΩ at 25°C & 70% RH, Output to Ground 500VDC                        |                   |                   |                                   |                 |
| Vibration Compatibility          | EN60068-2-6                                                             |                   |                   |                                   |                 |
| Shock Compatibility              | EN60068-2-27                                                            |                   |                   |                                   |                 |
| Immunity Compatibility           | EN61000-4 -2 -3 -4 -5 -6 -8 -11                                         |                   |                   |                                   |                 |
| Safety Compatibility             | EN60950-1                                                               |                   |                   |                                   |                 |
| EMI Compatibility                | EN55011 / EN55022-B FCC Class B                                         |                   |                   |                                   |                 |
| Weight (Typ)                     | 10,5 kg                                                                 | 16,0 kg           | 18,5 kg           | 21,5 kg                           |                 |
| Dimensions (mm)                  | A:135 B:320 C:240                                                       | A:135 B:370 C:320 | A:135 B:370 C:320 | A:135 B:370 C:420                 |                 |
| Warranty                         | 5-YEAR                                                                  |                   |                   |                                   |                 |

Drawing



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