



## Alpha Miner PSU-6KBM19/6KBM19a Specifications

|                         |   |                           |
|-------------------------|---|---------------------------|
| OUTPUT 1                | VDC                                       | 12V - 15.5V* / 14 - 17V   |
|                         | Rated Current (220V input)                | 380A                      |
|                         | Rated Peak Power (220V+ input)            | 5600W                     |
|                         | Rated Operational Power (220V+ input)     | 5200W                     |
|                         | Ripple & Noise                            | <1%                       |
|                         | Source Regulation                         | <1%                       |
|                         | Load Regulation                           | <1%                       |
|                         | Setup, Rise Time                          | <2S                       |
|                         | Power off Protection Trip Time            | >10mS                     |
| OUTPUT 2                | DC voltage                                | 12.3                      |
|                         | Rated Current (220V input)                | 15A                       |
|                         | Rated Power (220V input)                  | 150W                      |
|                         | Ripple & Noise                            | <1%                       |
|                         | Voltage Accuracy                          | 12.2V - 12.4V             |
|                         | Source Regulation                         | <1%                       |
|                         | Load Regulation                           | <1%                       |
|                         | Setup, Rise Time                          | <2S                       |
|                         | Power off Protection Trip Time            | >10mS                     |
| AC INPUT                | Input Voltage, VAC                        | 180-300                   |
|                         | Frequency Range                           | 47-63Hz                   |
|                         | Power Factor (Full Load)                  | >0.99                     |
|                         | Leakage Current (220V 50 Hz)              | <1.5mA                    |
| PROTECTIONS             | Under Voltage Protection (UVP)            | <178 VAC                  |
|                         | Short Circuit Protection (SCP)            | Yes                       |
|                         | Over Temperature Protection (OTP) (fluid) | Yes, up to 60°C ambient** |
|                         | Over Current Protection (OCP)             | 400A                      |
| OPERATIONAL ENVIRONMENT | Fluid Operational Temperature Range       | 10 - 55°C                 |
|                         | Operating Humidity, RH (non-condensing)   | 20%-90%                   |
|                         | Altitude                                  | < 2000 m                  |
| DIMENSIONS              | Size, mm                                  | 255 x 252 x 63            |
|                         | Net Weight, Kilos                         | 4                         |
| OTHER                   | Cooling: Forced Air / Dielectric Fluid    | No*** / Yes               |
|                         | Noise (air)                               | 68 dBA                    |

\*15.5V with Alpha Miner/Vnish FW only. Other FW up to 15.3V

\*\*Up to 60°C with a strong cooling flow \*\*\*Fans are for testing only, up to 1 min

 30 N. Gould Street, Ste. 7253, Sheridan, WY 82801, USA

 [alphaminer.io](http://alphaminer.io)

