



## Alpha Miner PSU-7KBM19/7KBM19a Specifications

OUTPUT 1	VDC	12V - 15.5V* / 14 - 17V
	Rated Current (220V input)	450A
	Rated Peak Power (220V+ input)	7400W
	Rated Operational Power (220V+ input)	7000W
	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 50°C ambient**
	Over Current Protection (OCP)	500A
OPERATIONAL ENVIRONMENT	Fluid Operational Temperature Range	10 - 50°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

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