



Alpha Miner PSU-4KBM19/4KBM19a Specifications

OUTPUT 1	VDC	12V – 15.5V* / 14 – 17V
	Rated Current (220V input)	300A
	Rated Peak Power (220V+ input)	4500W
	Rated Operational Power (220V+ input)	4200W
	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)	Yes, up to 40°C ambient
	Over Current Protection (OCP)	350A
OPERATIONAL ENVIRONMENT	Operational Temperature Range	10-45°C
	Operating Humidity, RH (non-condensing)	20%-90%
	Altitude	< 2000 m
DIMENSIONS	Size, mm	255 x 252 x 63
	Net Weight, Kilos	3.4
OTHER	Forced Air Cooling	Yes
	Noise	65 dBA

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

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