

1 to 6 KW AC/DC Power Supply

PS200-Dx/50 AC/DC Power Supply offers an extreme compactness and maximum in modularity and configuration flexibility. Expressly designed to supply our AV Series modules, it covers an output power wide range, from 1KW to 6KW, and is equipped with a pin-to-pin interface fit for AU amplifiers.

- **Universal AC Input**
- **Power Factor Corrected**
- **Output Power: 1KW up to 6KW**
- **Compact Package**
- **Extreme ruggedness**



Characteristics¹

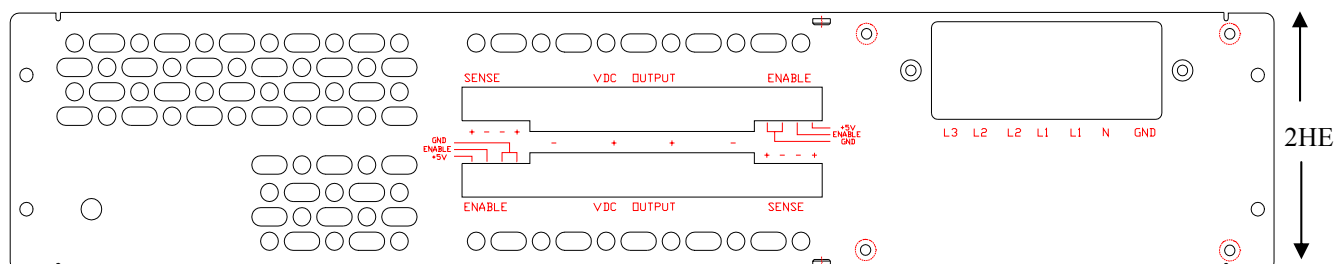
Input Voltage / Frequency Range	85-265Vac Input continuous, 47-63Hz Single Phase
Vout	42V to 50V
Auxiliary Vout	5V 400mA
Output Power	2KW (2 slots) 3KW (3 slots) 4KW (4 slots) 6KW (6 slots)
Power Factor	> 0.98 at 115/230V and maximum output power
Efficiency	85/88% at 100/200Vac maximum output power Ta=25°C
Over Current Protection	105~125% of maximum output current
Over Voltage Protection	62-66V
Over Temperature Protection	Inverter shut down method. Automatic reset
Remote ON/OFF Control	By electrical signal or dry contact. ON: +5V. OFF: open or GND shorted.
Operating Temperature	0~50°C : 100% load. Derate 2% °C, 50°C to 60°C
Storage Temperature	-30~85°C
Operating Humidity	10~90% RH no condensation
Storage Humidity	10~95% RH no condensation
Cooling	By internal Fans. Variable speed control.
Vibration	Built to meet ETS 300 019
Shock	Built to meet ETS 300 019
Conducted Emission	EN55022B, FCC part 15J-B, VCCI-B
Radiated Emission	EN55022B, FCC part 15J-B, VCCI-B
Applicable Safety Standards	UL60950, EN60950
Weight	15Kg (maximum configuration)
Size (WxHxD)	19inch std x 2HE x 400mm
Sense	Normally internal connected. Opt. external connection switchable.

¹ Only Power Supply output characteristics are indicated. Input characteristics must be in accordance with available networks. A high input isolation, well protected from possible spikes at input, is suggested.

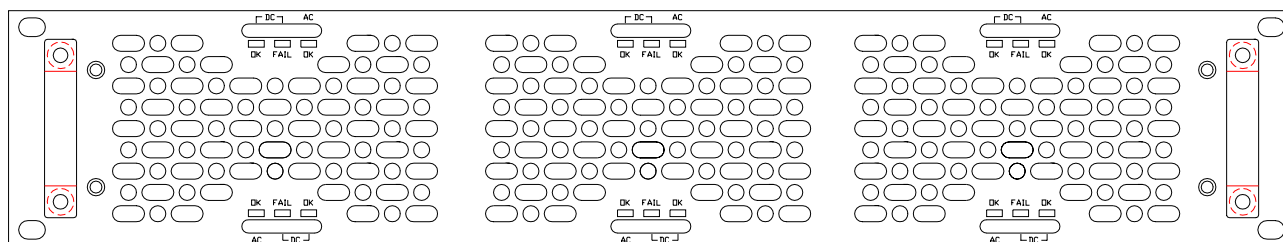
Contact Res-Ingenium, +39 0763 316333 Fax +39 0763316002- or visit www.res-ingenium.com for a complete listing.

ORDERING TABLE			
Version	Application	Number of PS slots	Max PS Power
PS200-D2/50		2	2KW
PS200-D3/50	1 x AV2K-108P 1 x AV2K-216P	3	3KW
PS200-D4/50		4	4KW
PS200-D6/50	2 x AV2K-108P 2 x AV2K-216P	6	6KW

Rear Panel



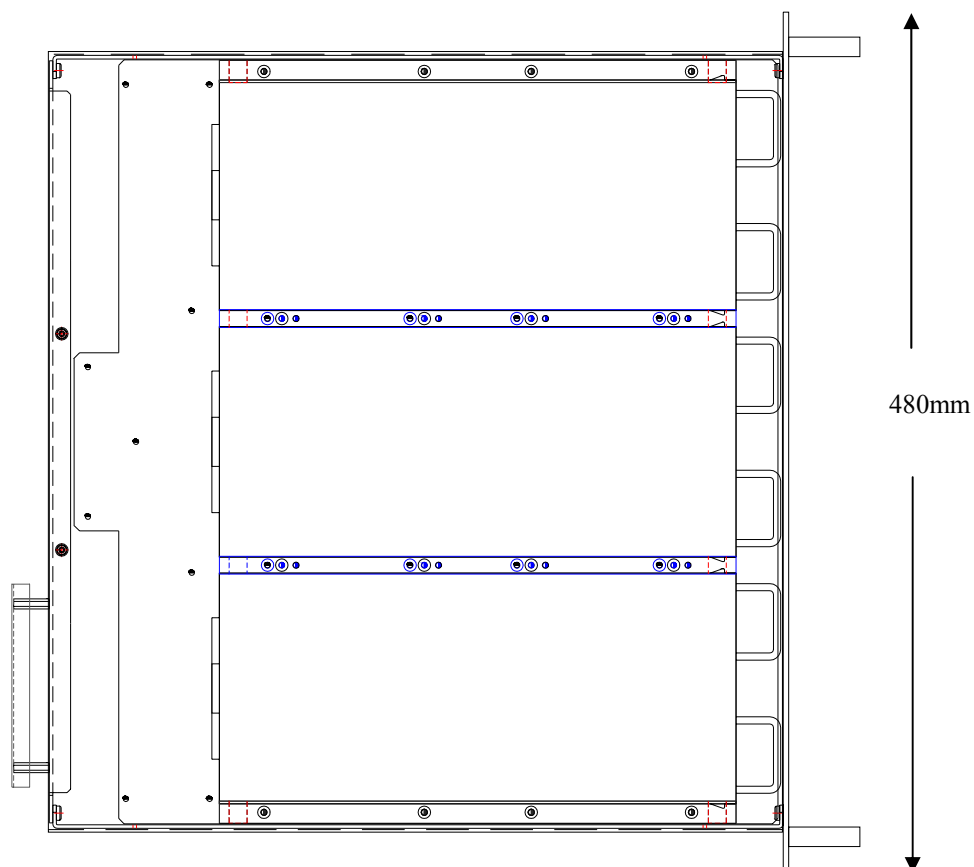
Front Panel



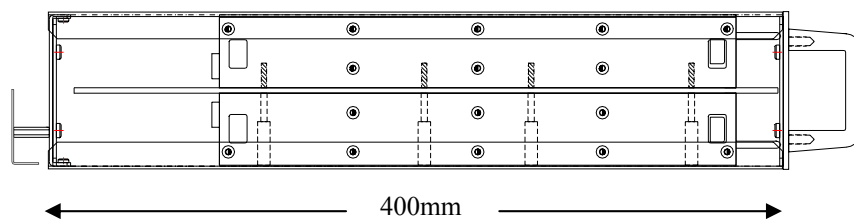
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Top View



Side View



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