



## DirectStream P20 Power Plant

Reference standard AC power delivery and protection



Demanding systems require remarkable power. The DirectStream P20 Power Plant is our finest expression of the art of delivering protected, pure, regulated, distortion-free AC power. With peak power levels of 3600 watts, no equipment can tax the mighty P20. Finally, your most coveted components have the opportunity to unleash their full potential, no longer hindered by dynamic drops in AC caused by the unavoidable resistance of the miles of wiring between you and the power station. DirectStream P20 regulates both long-term fluctuations and peak dynamic without deviation, ensuring a solid foundation from which to build a state-of-the-art system. Its low output impedance and unhindered AC delivery are equivalent to less than 50 feet of 12 gauge wire connected directly to your city power source without the connecting miles of wire, the many transformers, and the multiple neighbors weakening and contaminating your power. The most demanding music systems require nothing less than the P20.

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Environment Specification	US/JP	Europe/Asia
Location	Indoor use only	Indoor use only
Duty Cycle	Suitable for continuous operation	Suitable for continuous operation
Moisture Sensitivity	Not sealed against moisture	Not sealed against moisture
Operating Humidity	<80%rh	<80%rh
Storage Temperature	-40C to +40C	-40C to +40C
Operating Temperature	0C to 40C	0C to 40C
Max Operating Altitude	12,000' (3500m)	12,000' (3500m)
Electrical Supply Nominal Rating	120V 15A 60Hz US 100V 15A 50/60 Hz JP	230V 10A 50/60Hz
Instrument Specification		
Unit Dimensions	17" W x 14" D x 11" H (43cm W x 36cm D x 27.9 cm H)	17" W x 14" D x 11" H (43cm W x 36cm D x 27.9 cm H)
Unit Weight	96 lbs ( 43.5kg)	96 lbs ( 43.5kg)
Shipping Dimensions	23" x 22" x 17" ( 58cm x 55.8cm x 43 cm)	23" x 22" x 17" ( 58cm x 55.8cm x 43cm)
Shipping Weight	105 lbs (47kg)	105 lbs (47kg)
Nominal Input Voltage	95 – 145 VAC	200 –285VAC
Maximum Continuous Load	2000VA	2000VA
Maximum Peak Load	3600VA	3600VA
Voltage Regulation	>1V	>1V
Output Distortion (Resistive Load)	<0.5%	<0.5%
Output Distortion (Reactive Load)	<0.5% 0.1% typical	<0.5% 0.1% typical
Output Impedance	<0.005 ohm	<0.005 ohm
Noise Reduction	100kHz – 2MHz >80dB	100kHz – 2MHz >80dB
Efficiency @1500 VA	>85%	>85%
Standby Power Consumption		
Input Frequency	45 – 65 Hz	45 – 65 Hz
Under Voltage Limit	Continuous -10% of setting 15 sec duration -15% of setting	Continuous -10% of setting 15 sec duration -15% of setting
Over Voltage Limit	Continuous 5% of setting 15 sec duration 10% of setting	Continuous 5% of setting 15 sec duration 10% of setting
Energy Dissipation	2040J	5040J
Peak Current Surge	180,000A	180,000A
Clamp Level	340V	775V
DC Trigger Configuration	Tip Positive	Tip Positive
DC Trigger Voltage	5 – 15Vdc	5 – 15Vdc