

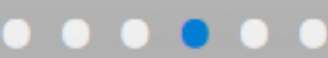


DirectStream Power Plant P15



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Overview	How it works	Features	Control	Design	Specs
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 8.5" H (43cm W x 36cm D x 21.5 cm H)		17" W x 14" D x 8.5" H (43cm W x 36cm D x 21.5 cm H)		
Unit Weight	73 lbs (33kg)		73 lbs (33kg)		
Shipping Dimensions	23" x 20.5" x 13.5" (58cm x 52cm x 34cm)		23" x 20.5" x 13.5" (58cm x 52cm x 34cm)		
Shipping Weight	82 lbs (38kg)		82 lbs (38kg)		
Nominal Input Voltage	95 – 145 VAC		200 –285VAC		
Maximum Continuous Load	1200VA		1500VA		
Maximum Peak Load	3600VA		3600VA		
Voltage Regulation	1V		1V		
Output Distortion (Resistive Load)	<0.5% 0.1% typical		<0.9% 0.2% typical		
Output Distortion (Reactive Load)	<0.5% 0.1% typical		<0.9% 0.2% typical		
Output Impedance	<0.008 ohm		<0.008 ohm		
Noise Reduction	100kHz – 2MHz >80dB		100kHz – 2MHz >80dB		
Efficiency @1200 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	2440J		3670J		
Peak Current Surge	144,000A		84,000A		
Max Surge Voltage	6,000V		6,000V		
Clamp Level	330V		800V		
DC Trigger Configuration	Tip Positive		Tip Positive		
DC Trigger Voltage	5 – 15Vdc		5 – 15Vdc		