



- Limited Lifetime Warranty
- 300% Peak Power Capability
- Small Package Size
- Universal Input (85-265VAC)
- High Efficiency

HWS300P & 600P Series

Peak Power Industrial Power Supplies

Key Market Segments & Applications

- Factory Automation
- Process Control
- Semiconductor Fabrication
- Motor and Pump Drives

HWS300P & 600P Features and Benefits

Features

- Limited Lifetime Warranty
- Peak Power Capability
- High Efficiency

Benefits

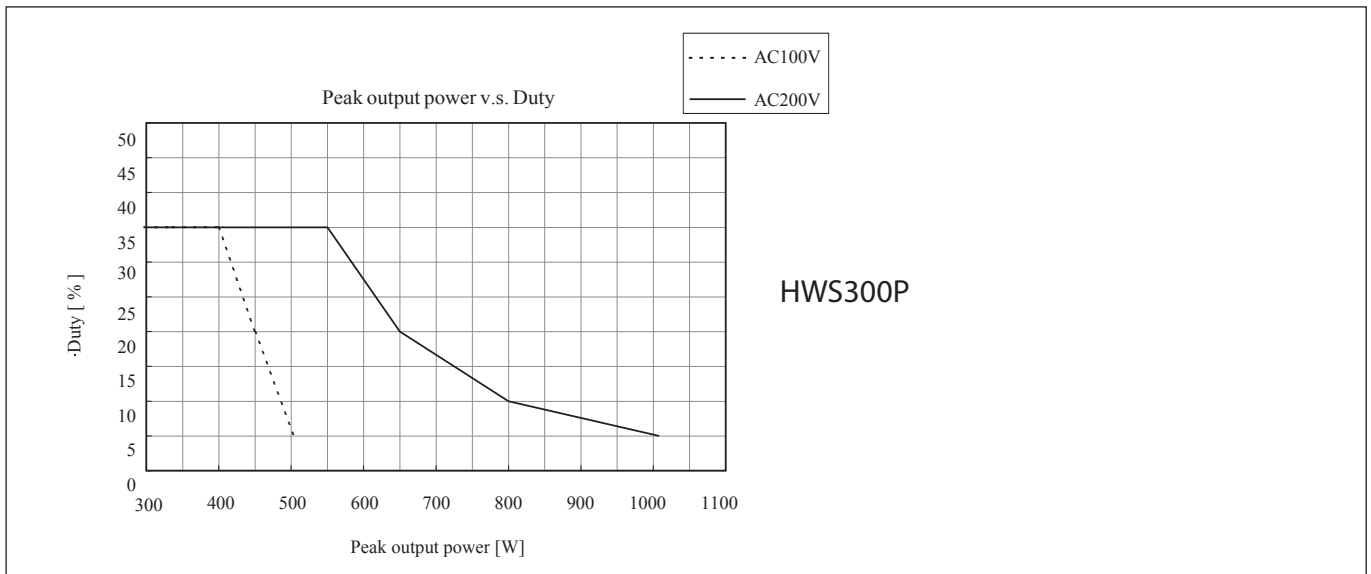
- Lower Cost of Ownership
- Lower cost, smaller size
- Easier system cooling, less power used

Specifications

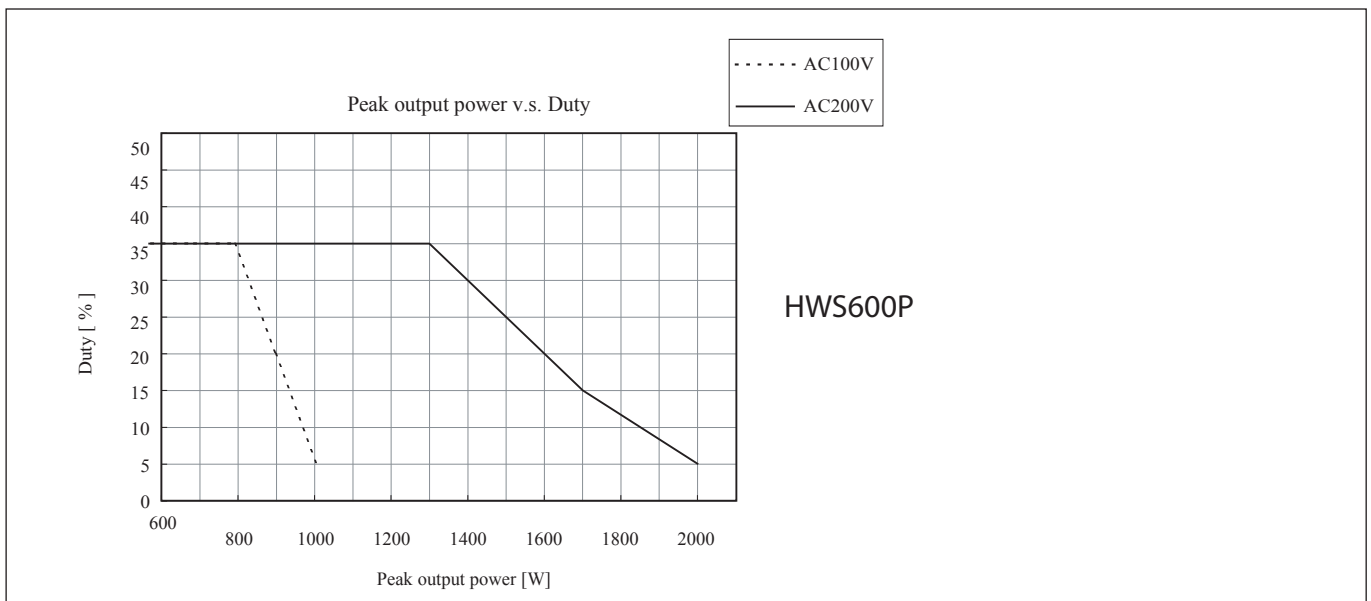
ITEMS	MODEL		HWS300P	HWS600P
Input Voltage range	-		85 - 265VAC (47- 63Hz) or 120-330VDC	
Input Current (Typ)	(1)	A	3.6/1.9	7.2/3.7
Inrush Current	(1)	A	20 / 40	
Power Factor	-		Meets EN61000 - 3-2	
Temperature Coefficient	-		<0.02%/°C	
Overcurrent Protection	-		See table on page 2 (Recycle AC or remote on/off to reset)	
Overvoltage Protection	V		See table on page 2 (Recycle AC or remote on/off to reset)	
Hold Up Time (Typ)		ms	20	
Efficiency	(1)	%	84 / 87	
Leakage Curr. (@240VAC, 60Hz)		mA	<0.75mA (Typically 0.2mA at 100VAC)	
Remote Sense	-		No	
Indicator	-		Green LED = ON	
Remote on/off	-		Yes	
Line Regulation		mV	24V: 96mV, 36V: 144mV, 48V: 192mV	
Load Regulation		mV	24V: 144mV, 36V: 216mV, 48V: 288mV	
Ripple & Noise		mV	24V: 150mV, 36V: 200mV, 48V: 350mV	
Parallel operation	-		No	Yes, up to 2 units
DC Good	-		Yes	
Operating Temperature	-		-10°C to +70°C, derate linearly to 50% load from 50°C to 70°C	
Storage Temperature	-		-30°C to +85°C	
Humidity (non condensing)	-		Operating: 10-90%RH, Non operating 10-95%RH	
Cooling	-		Internal fan	
Withstand Voltage	-		Input to Ground 2.5kVAC, Input to Output 3kVAC, Output to Ground 500VAC for 1 min.	
Isolation Resistance	-		>100MΩ at 25°C & 70%RH, Output to Ground 500VDC	
Vibration (non operating)	-		10- 55Hz (1 minute sweep), 19.6m/s ² constant X, Y, Z 1 hour	
Shock	-		< 196.1 m/s ²	
Safety Agency Certification	-		UL60950-1, CSA60950-1, EN60950-1, EN50178, CE Mark	
Line Dip	-		Complies with SEMI F47 (200VAC line only)	
Conducted & Radiated EMI	-		EN55011 / EN55022, FCC VCCI Class B	
Immunity	-		IEC61000-4-2,-3, -4, -6 (Level 3),-5, -8 (Level 4),-11	
Weight (Typ)		g	1,000	1,600
Size (WxHxD)		mm	61 x 82 x 165	100 x 82 x 165
Warranty	-		Limited Lifetime Warranty	

Notes: (1) 100/200VAC

HWS300P Peak Output Power vs. Duty Cycle



HWS600P Peak Output Power vs. Duty Cycle



Options

Suffix	Description
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Blank	HWS3001500 cover is fitted as standard
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/A	Notapplicable
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