














Selection Guide

	PS5R Slim Line	PS5R	PS3L
Appearance			
Page	L-3	L-8	L-13
Housing	Plastic	Plastic	Metal
Mounting	DIN Rail or surface mount	DIN Rail or surface mount	"L" bracket or DIN rail bracket
Wattage Range	30W to 240W	7.5W to 240W	10W to 300W
Input Voltage	30W to 90W: 85 to 264 VAC, 100-370 VDC 120W & 240W: 85 to 264 VAC, 100-350 VDC	100 to 240VAC nominal, (85 to 264VAC), 47 to 63 HZ 110-340VDC nominal (105 to 370VDC)	100 to 240VAC nominal, (85 to 264VAC), 47 to 63 HZ (105 to 350VDC)
Output Current Ratings	5VDC - 12VDC 2.5A 24VDC 1.3A, 2.5A, 3.75A, 5A, 10A	1.5A, 2.5A 0.6A, 1.2A, 2.5A 0.30A, 0.60A, 1.3A, 2.1A, 3.1A, 4.2A, 5A, 10A	2A, 3A, 6A 0.90A, 1.4A, 2.5A, 4.3A, 8.4A, 13A 0.50A, 0.70A, 1.3A, 2.2A, 4.5A, 6.5A, 12.5A
Typical Efficiency	12VDC 78% 24VDC 80% to 84%	73% to 75% 75% to 85%	74% to 80% 78% to 82%
Voltage Adjustments	+/-10%	+/-10% (V.ADJ control on front)	+/-10% (V.ADJ control on front)
Ripple Voltage	up to 2% peak to peak max (including noise)	2% peak to peak max (including noise)	160mV maximum
Over Voltage Protection (input)	120% or more, auto reset	120% typical	120% typical
Over Current Protection (output)	105% min shutdown	105% minimum (Zener or auto reset)	105% minimum (Zener or auto reset)
Operating Temperature	-10° to +60°C (14° to 140°F)	-10° to +60°C (14° to 140°F)	-10° to +60°C (14° to 140°F)
Vibration Resistance	10 to 55 Hz Amplitude 0.375mm	45m/s ² (approximately 4.5G) 10 to 55hz, 2 hours on each of 3 axes	20m/s ² (approximately 2G) 10 to 55hz, 1 hour on each of 3 axes
Shock Resistance	300m/s ² , 3 times each 6 axes	294m/s ² , 3 shocks on each of 6 axes	200m/s ² , 1 shock on each of 3 axes
Weight (approximate)	250g to 1000g (depending on model)	150g to 2000g (depending on model)	240g to 1550g (depending on model)
Termination	M3.5 phillip/slotted, spring loaded, captive (fingersafe)	M3.5 phillip/slotted, spring loaded, captive (fingersafe)	IEC Style screw terminals (fingersafe)
Approvals	EMC Directive EN61204-3:2000 (EMI: Class B, EMS Industria) UL508, UL1604	EMC Directives EN50081-2 and EN50082-2. LVD Directives EN60529 and EN60950. UL508	
	  File # E234997   (SEMI F47 120W & 240W only)	  UL 508 Listed File # E177168  Cert. No. BL980213332392	  File # E177168 

Power Supplies