














**Selection Guide**

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

Power Supplies