




Selection Guide

Series	PS5R Slim Line	PS5R	PS3X	PS3L
Appearance				
Page	141	147	152	Visit www.IDEC.com/powersupply
Housing	Plastic		Metal	Metal
Mounting	DIN Rail or surface mount		Direct or DIN Rail mount	Panel or bracket mount
Wattage Range	10W to 240W	7.5W to 240W	15W to 100W	10W to 300W
Input Voltage	85 to 264 V AC, 100-370 V DC (100-350V DC, 120W & 240W)	85 to 264V AC, 105 to 370V DC	85 to 264V AC, 120 to 375V DC	85 to 264V AC, 105 to 370V DC
Output Current Ratings	5VDC	2.0A	1.5A, 2.5A	2A, 3A, 6A
	12VDC	1.2A, 2.5A	0.6A, 1.2A, 2.5A	0.90A, 1.4A, 2.5A, 4.3A, 8.5A, 13A
	24VDC	0.65A, 1.3A, 2.5A, 3.75A, 5A, 10A	0.30A, 0.60A, 1.3A, 2.1A, 3.1A, 4.2A, 5A, 10A	0.50A, 0.70A, 1.3A, 2.2A, 4.5A, 6.5A, 12.5A
Typical Efficiency	5VDC	69%	69%	70-75%
	12VDC	75%, 78%	73% to 75%	81% to 82%
	24VDC	80% to 84%	75% to 85%	82% to 84%
Voltage Adjustments	+/-10% (V.ADJ control on front)			
Ripple Voltage	2% peak to peak max (including noise)		–	160mV maximum
Overvoltage Protection (input)	120% or more, auto reset	120% typical	115% typical	120% typical
Overcurrent Protection (output)	105% min shutdown	105% minimum (Zener or auto reset)		
Operating Temperature	-10° to +60°C (14° to 140°F)		-10° to +85°C	-10° to +60°C (14° to 140°F)
Termination	M3.5 phillip/slotted, spring loaded, captive (fingersafe)		M3 or M3.5	IEC Style screw terminals (fingersafe)
Approvals	 <p>ANSI/ISA-12.12.01-2011 Listed File#E234997</p> <p>(SEMI F47 120W & 240W only)</p>	 <p>UL508 Listed File #E177168</p> <p>TUV PRODUCT SERVICE</p> <p>Cert No. BL980213332392</p>	 <p>UL508 Listed File #E177168</p> <p>BAUART GEPRÜFT TYPE APPROVED</p>	 <p>UL508 Listed File #E177168</p>

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