



## Nominal Specifications

### Model SPS-24W

<b>AC Input</b> .....	85Vac to 265Vac, 50/60Hz (115-230Vac ±10% typical) maximum .....	265 Vac
<b>DC Input</b> .....	120Vdc to 330Vdc maximum .....	300 Vdc
<b>Input Current</b> .....	@115Vac: 460mA RMS ±20% (input currents for reference only) .....	@230Vac: 250mA RMS ±20%
.....	.....	@125Vdc: 235mA ±20%
.....	.....	@250Vdc: 120mA ±20%
<b>Input Protection</b> (inrush current) .....	Thermistor	
(overvoltage) .....	Varistor	
<b>Switching Frequency</b> .....	100KHz PWM	
<b>Efficiency @ Max. Load</b> .....	78%	
<b>Maximum Ripple</b> .....	0.2% RMS	
<b>Regulation</b> Load (10 - 100% load) .....	0.5%	
Line .....	0.2%	
<b>Output Voltage</b> .....	24Vdc	
<b>Output Current</b> .....	1.0A Max.	
<b>Output Power</b> .....	24W	
<b>Overload Protection</b> .....	Overcurrent shutdown with ..... .....	automatic restart and output overvoltage protection**
<b>Max. Load Capacitance on Output</b> .....	<8,000mF	
<b>Hold Time</b> .....	@115Vac: 35ms (full output current after loss of input) .....	@230Vac: 160ms
<b>Operating Temperature</b> .....	0°C to +50°C Full Rated Load	
<b>Storage Temperature</b> .....	-40°C to +85°C	
<b>Isolation</b> .....	Input to Output: 3KV RMS ..... .....	Input to Output Rail: 4KV RMS Input to Ground: 1.5KV RMS Output to Ground: 500V RMS
<b>Packaging/Dimensions</b> (LxWxH) .....	75.5mm x 45mm x 106.5mm	
<b>Weight</b> .....	290gms	
<b>Mounting</b> .....	DIN Rail (32mm and 35mm rails)	

### MODEL ORDERING INFORMATION

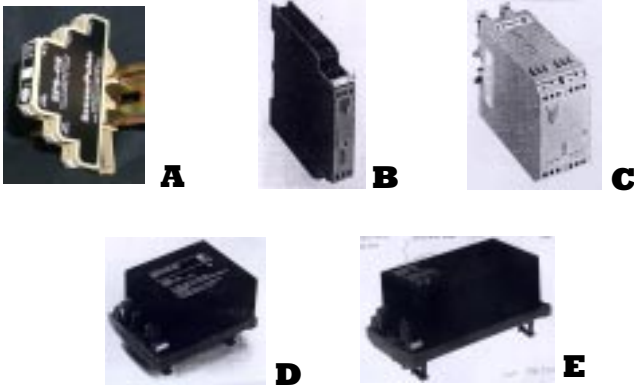
Build model code here using the chart below:



MODELS

SPS MODEL	MODEL OUTPUT	MODEL CODE	PACKAGE STYLE
SPS-4W	24Vdc 150mA 4W	1004	Style A
SPS-12W	24Vdc 500mA 12W	1000	Style B
SPS-24W	24Vdc 1.0A 24W	1001	Style C
SPS-55W	24Vdc 2.3A 55W	1002	Style D
SPS-120W	24Vdc 5.0A 120W	1003	Style E

### SPS MODEL PACKAGE STYLES



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