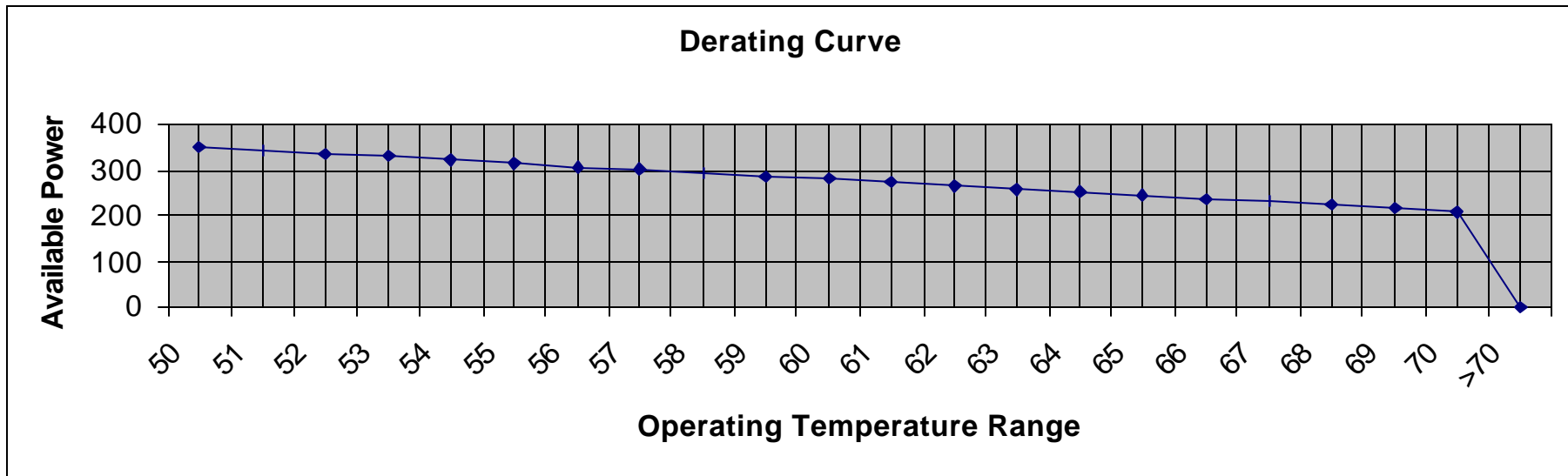


SPI-APPNOTES: DERATION CURVE

Below is an example of a deration curve for a Switching Power, model TR-350, a 350-watt power supply with a normal operating temperature range of -20°C to $+50^{\circ}\text{C}$. Once the ambient temperature (the temperature of the air entering the power supply) crosses over 50°C , the user must derate the supply linearly up to 70°C . Beyond that point, the supply should not be operated.

Enter Full Power of Model Here:	350																				Watts		
Temperature	<50	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	>70
% of Power	100	100	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66	64	62	60	0
Available Power	350	350	343	336	329	322	315	308	301	294	287	280	273	266	259	252	245	238	231	224	217	210	0



Please contact us directly for a print-out of the curve for your model. Also, we can e-mail you the active Excel file to enter power levels yourself.