

NOTE: Calculations include a standard 10% buffer

Power Supply	PS12-20W-GN		PS12-36W-GN-B		PS12-60W-GC-B	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.20 mm <sup>2</sup>	7.45	2.273	4.14	1.263	2.48	0.758
22 AWG / 0.33 mm <sup>2</sup>	12.62	3.846	7.01	2.137	4.21	1.282
20 AWG / 0.52 mm <sup>2</sup>	19.29	5.882	10.72	3.268	6.43	1.961
18 AWG / 0.82 mm <sup>2</sup>	31.24	9.524	17.35	5.291	10.41	3.175
16 AWG / 1.31 mm <sup>2</sup>	50.46	15.385	28.03	8.547	16.82	5.128
14 AWG / 2.08 mm <sup>2</sup>	80.00	24.390	44.44	13.550	26.67	8.130
12 AWG / 3.31 mm <sup>2</sup>	126.15	38.462	70.09	21.368	42.05	12.821
10 AWG / 5.26 mm <sup>2</sup>	198.79	60.606	110.44	33.670	66.26	20.202
8 AWG / 8.37 mm <sup>2</sup>	312.38	95.238	173.54	52.910	104.13	31.746

Power Supply	PS12-60W-GN-B		PS12-60W-100-277-ENC-B		PS12-100W-GN-B	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.20 mm <sup>2</sup>	2.48	0.758	2.48	0.758	1.49	0.455
22 AWG / 0.33 mm <sup>2</sup>	4.21	1.282	4.21	1.282	2.52	0.769
20 AWG / 0.52 mm <sup>2</sup>	6.43	1.961	6.43	1.961	3.86	1.176
18 AWG / 0.82 mm <sup>2</sup>	10.41	3.175	10.41	3.175	6.25	1.905
16 AWG / 1.31 mm <sup>2</sup>	16.82	5.128	16.82	5.128	10.09	3.077
14 AWG / 2.08 mm <sup>2</sup>	26.67	8.130	26.67	8.130	16.00	4.878
12 AWG / 3.31 mm <sup>2</sup>	42.05	12.821	42.05	12.821	25.23	7.692
10 AWG / 5.26 mm <sup>2</sup>	66.26	20.202	66.26	20.202	39.76	12.121
8 AWG / 8.37 mm <sup>2</sup>	104.13	31.746	104.13	31.746	62.48	19.048

Power Supply	PS12-180W-3-GN		PS12-200W-GN		PS24-30W-GN	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.20 mm <sup>2</sup>	2.48	0.758	0.75	0.227	19.88	6.061
22 AWG / 0.33 mm <sup>2</sup>	4.21	1.282	1.26	0.385	33.64	10.256
20 AWG / 0.52 mm <sup>2</sup>	6.43	1.961	1.93	0.588	51.45	15.686
18 AWG / 0.82 mm <sup>2</sup>	10.41	3.175	3.12	0.952	83.30	25.397
16 AWG / 1.31 mm <sup>2</sup>	16.82	5.128	5.05	1.538	134.56	41.026
14 AWG / 2.08 mm <sup>2</sup>	26.67	8.130	8.00	2.439	213.33	65.041
12 AWG / 3.31 mm <sup>2</sup>	42.05	12.821	12.62	3.846	336.41	102.564
10 AWG / 5.26 mm <sup>2</sup>	66.26	20.202	19.88	6.061	530.10	161.616
8 AWG / 8.37 mm <sup>2</sup>	104.13	31.746	31.24	9.524	833.02	253.968

Power Supply	PS24-60W-GN		PS24-100W-GN		PS24-300W-3-GN	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.20 mm <sup>2</sup>	9.94	3.030	5.96	1.818	5.96	1.818
22 AWG / 0.33 mm <sup>2</sup>	16.82	5.128	10.09	3.077	10.09	3.077
20 AWG / 0.52 mm <sup>2</sup>	25.73	7.843	15.44	4.706	15.44	4.706
18 AWG / 0.82 mm <sup>2</sup>	41.65	12.698	24.99	7.619	24.99	7.619
16 AWG / 1.31 mm <sup>2</sup>	67.28	20.513	40.37	12.308	40.37	12.308
14 AWG / 2.08 mm <sup>2</sup>	106.67	32.520	64.00	19.512	64.00	19.512
12 AWG / 3.31 mm <sup>2</sup>	168.21	51.282	100.92	30.769	100.92	30.769
10 AWG / 5.26 mm <sup>2</sup>	265.05	80.808	159.03	48.485	159.03	48.485
8 AWG / 8.37 mm <sup>2</sup>	416.51	126.984	249.90	76.190	249.90	76.190