

12V		12V		24V		24V		230V		230V	
Watt	Ampere	Ampere	Watt	Watt	Ampere	Ampere	Watt	Watt	Ampere	Ampere	Watt
10	0.8	0.5	6.0	10	0.4	0.5	12.0	10	0.0	0.5	115
15	1.3	1	12.0	15	0.6	1	24.0	20	0.1	1	230
20	1.7	1.5	18.0	20	0.8	1.5	36.0	50	0.2	2	460
25	2.1	2	24.0	25	1.0	2	48.0	100	0.4	5	1150
30	2.5	2.5	30.0	30	1.3	2.5	60.0	200	0.9	2.5	575
35	2.9	3	36.0	35	1.5	3	72.0	300	1.3	3	690
40	3.3	3.5	42.0	40	1.7	3.5	84.0	500	2.2	3.5	805
50	4.2	4	48.0	50	2.1	4	96.0	800	3.5	4	920
60	5.0	5	60.0	60	2.5	5	120.0	1000	4.3	5	1150
80	6.7	6	72.0	80	3.3	6	144.0	1200	5.2	6	1380
100	8.3	8	96.0	100	4.2	8	192.0	1500	6.5	8	1840
120	10.0	10	120.0	120	5.0	10	240.0	1800	7.8	10	2300
150	12.5	12	144.0	150	6.3	12	288.0	2000	8.7	12	2760
200	16.7	15	180.0	200	8.3	15	360.0	2300	10.0	15	3450
250	20.8	18	216.0	250	10.4	18	432.0	2500	10.9	18	4140
300	25.0	20	240.0	300	12.5	20	480.0	3000	13.0		
350	29.2	25	300.0	350	14.6	25	600.0	3500	15.2		
400	33.3	30	360.0	400	16.7	30	720.0	4000	17.4		
500	41.7	40	480.0	500	20.8	40	960.0				
800	66.7	50	600.0	800	33.3	50	1200.0				
1000	83.3	80	960.0	1000	41.7	80	1920.0				
1200	100.0	90	1080.0	1200	50.0	90	2160.0				
1500	125.0	100	1200.0	1500	62.5	100	2400.0				
2000	166.7	150	1800.0	2000	83.3	150	3600.0				
2500	208.3	200	2400.0	2500	104.2	200	4800.0				
		500	6000.0								

Cable Diameters

Metric mm2	∅ Cable	AWG	mm2
		18	0.8
1.5		16	1
2.5		14	2
4		12	3
6		10	5
10		8	8
16		6	13
25		4	21
35		2	34
50		1	42
70		1/0	53
95		2/0	68
120		3/0	85
		4/0	107