



220V CABLE SELECTION CHART (Cable size in mm²)

KW	HP	1.5mm²	2.5mm²	4mm²	6mm²	10mm²	16mm²	25mm²	35mm²	50mm²
0.37KW	0.5HP	120m	200m	320m	480m	810m	1260m	1900m	2590m	3580m
0.55KW	0.75HP	80m	130m	220m	320m	550m	850m	1290m	1760m	2430m
0.75KW	1HP	60m	100m	170m	250m	430m	670m	1010m	1380m	1910m
1.1KW	1.5HP	40m	70m	120m	180m	300m	470m	710m	960m	1360m
1.5KW	2HP	30m	60m	90m	130m	230m	360m	550m	760m	1060m
2.2KW	3HP	20m	40m	60m	90m	150m	230m	350m	490m	680m

380V CABLE SELECTION CHART (Cable size in mm²)

KW	HP	1.5mm²	2.5mm²	4mm²	6mm²	10mm²	16mm²	25mm²	35mm²	50mm²
0.75KW	1HP	410m	680m	1090m	1640m	2780m	4330m	6570m	9010m	
1.1KW	1.5HP	300m	500m	810m	1210m	2060m	3200m	4850m	6640m	9220m
1.5KW	2HP	220m	370m	590m	880m	1500m	2340m	3560m	4890m	6380m
2.2KW	3HP	150m	250m	400m	600m	1030m	1600m	2440m	3350m	4680m
3.7KW	5HP	90m	150m	240m	370m	630m	980m	1490m	2050m	2870m
5.5KW	7.5HP	60m	110m	170m	260m	440m	690m	1060m	1450m	2030m

DC/SOLAR CABLE SELECTION CHART (Cable size in mm²)

VOLT	WATT	1.5mm²	2.5mm²	4mm²	6mm²	10mm²	16mm²	25mm²	35mm²	50mm²
24V	120W	7m	12m	19m	28m	48m	76m	120m	168m	240m
36V	210W	9m	15m	24m	37m	61m	98m	154m	216m	308m
36V	300W	6m	10m	17m	25m	43m	69m	108m	151m	216m
48V	500W	6m	11m	18m	27m	46m	73m	115m	161m	230m
110V	1000W	18m	30m	48m	72m	121m	193m	302m	423m	605m