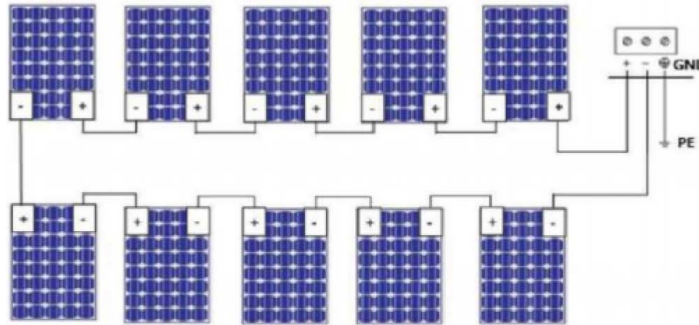


Solar Panel wiring:

Wiring shown for 10 solar panels connected in series.

Note that operational DC input voltage ranges from 55 Vmpp to 380 Vmpp (Max: 440 Voc)



CABLE SIZING CHART

Solar Panel Input			Cable length (Upto 'X' Meters)									
DC Input Power Watts	Vmpp Volts	Impp Amps	10	25	50	75	100	125	150	200	250	300
			CROSS SECTION MM ²									
600	60	10	2.5	6	16	25	25	35	35	50	70	70
900	90	10	1.5	4	10	16	16	25	25	35	50	50
1200	120	10	1.5	4	6	10	16	16	25	25	35	35
1500	150	10	1.5	2.5	6	10	10	16	16	25	25	35
1800	180	10	1.5	2.5	4	6	10	10	16	16	25	25
2100	210	10	1.5	2.5	4	6	10	10	10	16	16	25
2400	240	10	1.5	1.5	4	6	6	10	10	16	16	25
2700	270	10	1.5	1.5	2.5	4	6	10	10	10	16	16
3000	300	10	1.5	1.5	2.5	4	6	6	10	10	16	16
3300	330	10	1.5	1.5	2.5	4	6	6	10	10	16	16

***This chart is to be used as a guide only, exact cable size will vary according to the input characteristics and technical specifications of the solar panel

Please refer to our iSOLAR web selector for your selection - www.isolareselector.whiteint.com.au OR www.isolareselector.whiteint.co.nz

Step1: Select your DC input power (Total wattage available from all the solar panels used for your system)

Step2: Under the Cable length column, choose corresponding length of the cable in meters and select the correct cable size.

Voc: Voltage Open Circuit
Vmpp: Voltage at Max Power
Isc: Short Circuit Current
Impp: Current at Max Power