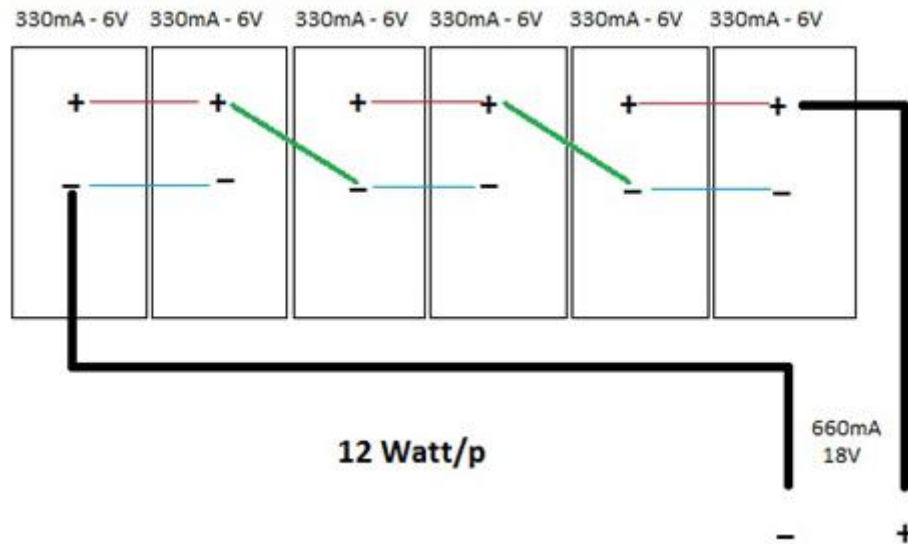


Example:



3 pairs of 660mA-6V in series for 660mA-18V.

Mini Solar Panels

Serial / Parallel Interconnections



The Green Stores by Alexiadi | Energy Systems
Argostoliou 30-32 - 17342 Athens

www.alphagreenenergy.gr
support@alphagreenenergy.gr

Interconnecting solar cells

A: Parallel connection: the amperage (current) is additive, but the voltage remains the same.

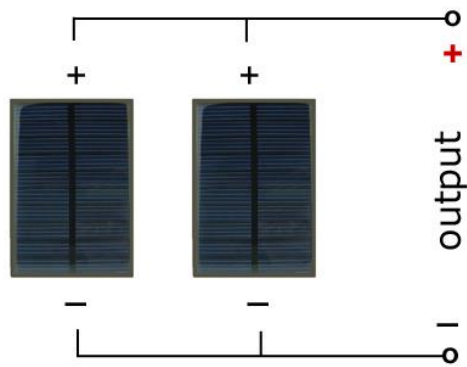
$$\text{Total Current} = \text{Amp1} + \text{Amp2} \dots + \text{Ampn} \mid \text{Total Voltage} = V1 = V2 = Vn$$

B: Serial connection: the voltage is additive, but the amperage remains the same.

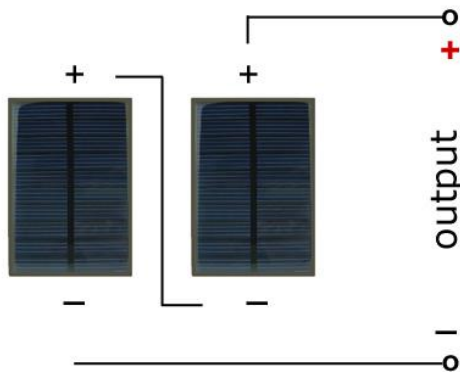
$$\text{Total Voltage} = V1 + V2 \dots + Vn \mid \text{Total Current} = \text{Amp1} = \text{Amp2} = \text{Ampn}$$

C: Parallel & Serial connection: Any combination of the above.

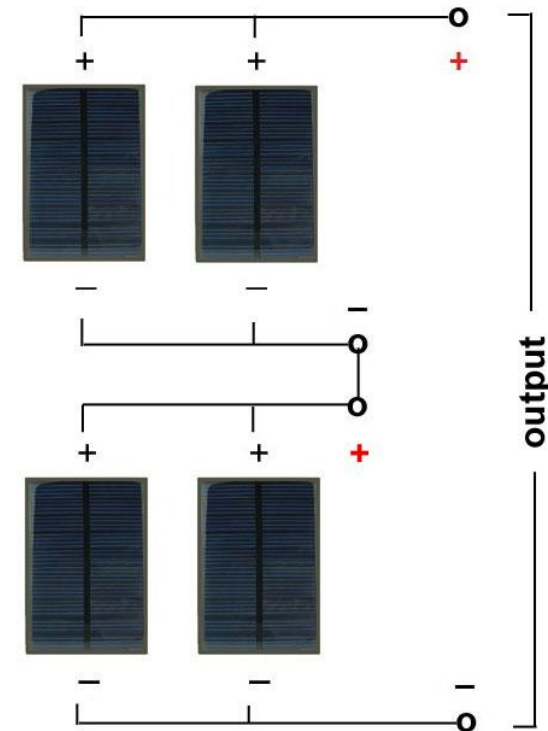
A:



B:



C:



Technical Specifications:

Model 6,0 Voc DC - 270 mA Isc - 1.6W

Size: 150 x 86 x 3 mm

Weight: ~ 40 gr

Material: Polycrystalline Silicon

Epoxy Encapsulation

Max. Power: 1.6W

Made in China

Warranty 2 years