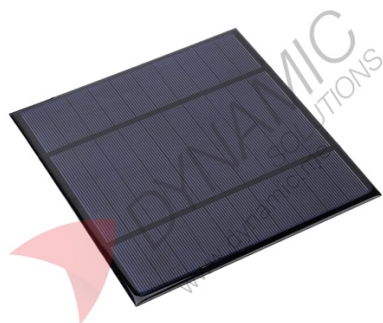


Solar Panel 5V 4.5W 165x165mm



Features:

The CNC165x165-5 solar panel provides a 5V DC output with a maximum power of 4.5W, optimized for portable power and DIY electronics. Built with polysilicon cells, it delivers consistent current output up to 0.9A in a compact 165 x 165mm square format with a slim 3mm profile. This panel is suitable for USB-powered devices, small battery charging, and custom solar projects where low-voltage renewable energy is required.

Specifications	
Product Number	CNC165x165-5
Item Type	Solar Panel
Material	Polycrystalline
Working Voltage	5V DC
Maximum Power	4.5W
Working Current	0.9A
Thickness	3mm
Dimensions	165 x 165mm
Usage	DIY electronics, USB power, portable charging applications

Solar Panel and Battery Relationship:

Batteries (NiMH, Lithium Ion, Lithium Iron Phosphate, Lead Acid)	Solar panels	Optional accessories
1.2V	1.8V-2V	Diode
1.5V	2.2V-2.5V	Diode
2.4V	3.6V-4V	Diode
3.2V	4.5V-5V	Diode
3.7V	5.5V-6V	Diode or Regulator
5V	7V-8V	Diode or Regulator
6V	9V	Diode or Regulator
9V	12V-13.5V	Diode or Regulator
12V	17.2V-18V	Controller
18V	24V	Controller
24V	36V	Controller
36V	48V	Controller
48V	80V	Controller

Pinouts:

Pin Name	Type	Description
+	Power	Output positive terminal (V+), connect to battery or controller positive
-	Power	Output negative terminal (GND), connect to battery or controller negative

Product Pictures:

