

Solar Panel 6V 10W 340x220mm (with 20cm wire)



Features:

The 6V 10W polycrystalline solar panel (CNC340X220-6) offers efficient energy conversion with an 18 percent efficiency rating. Its compact 340x220x3mm form factor and 20cm output wire provide flexible installation for DIY solar projects, battery charging systems, and small off-grid setups. With an open-circuit voltage of 7.3V and short-circuit current of 1859mA, it is optimized for low-voltage energy storage and portable solar power applications.

Specifications	
Product Number	CNC340X220-6
Cell Type	Polycrystalline
Operating Voltage	6V
Maximum Power	10W
Working Current	1670mA
Open Circuit Voltage	7.3V
Short Circuit Current	1859mA
Efficiency	18%
Dimensions	340 x 220 x 3mm
Wire Length	20cm
Color	Black
Power Source	Solar
Usage	Battery charging, DIY solar projects, portable solar systems

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

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

Product Pictures:

