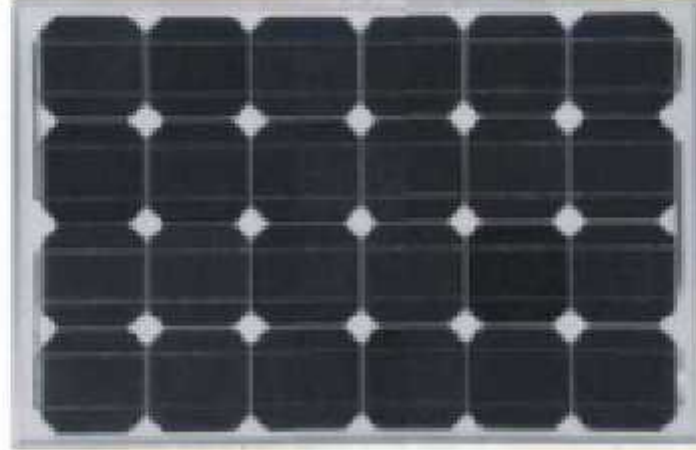




## پانل ۵۰ وات مونوکریستال

### 50 Watt Monocrystalline Solar Panel



#### Electrical Characteristics

Model	PS – 50 M
Maximum power(Pmax)	50 W
Current at Pmax (Imp)	2.87 A
Voltage at Pmax (Vmp)	17.4 V
Short circuit Current (Isc)	2.92 A
Open circuit Voltage (Voc)	18.35 V
Temperature coefficient Voltage	0.16V/°C / -(160 +10)mV/oC
Temperature coefficient of power	-(0.5+0.05)%/oC
Temperature coefficient Current	0.06%/°C / (0.065 +0.015)%/ oC
Maximum voltage	1000 V DC

#### Mechanical Characteristics

Dimensions	620 × 540 × 25 mm
Weight	4.3 Kg
Cell	mono crystal 156x26 mm <sup>2</sup>
Operating temperature	-45 to 80 °C
Front glass	2.2 mm
Hail diameter @ 80 Km/h	Up to 25 mm