

RIGID MODULES

PANEL TYPE	SOLAR PANEL (RIGID TYPE)	
Panel Power	160W	300W
SBM Part Number	1HR16020	1HR30050
Maximum Power (W)	160W	300W
V(mp)	18.9V	33.5V
I(mp)	8.54A	8.92A
V(oc)	23.69V	39.48V
I(sc)	9.01A	9.48A
Solar Cell Efficiency (%)	>20.00%	>20.00%
# Diodes Embedded in Panel	3	5
#Diodes in Junction Box	3	3
Number of Solar Cells/Panel	36	60
Module Weight	13.0lbs. (5.9kg)	30lbs. (13.6kg)
Power per Weight Ratio	27.1 W/kg	20.53 W/kg
Panel Configuration	(4 x) 9 Cells/ String	(6 x) 10 Cells/ String
Dimension (in)	58.50" x 26.25"	39" x 65"
Module Area	10.7ft ² (0.99m ²)	17.4ft ² (1.62m ²)
Power per Area Ratio	161.5 W/m ²	172.8 W/m ²
Operational Temperature Range	-40C° to +90C°	-40C° to +90C°



280 Watt Solar Panel