

<b>Design and Mechanical Data</b>					
Nominal Power (Pncm)	<b>50wp</b>	<b>60wp</b>	<b>70wp</b>	<b>75wp</b>	<b>80wp</b>
Nominal Maximum Output Voltage (Umpp)	17.6V	17.2V	17.2V	17.2V	17.6V
Nominal Maximum Output Current (Impp)	2.85A	3.49A	4.07A	4.36A	4.55A
Open-Circuit Voltage (Upc)	21.6V	21.6V	21.45V	21.6V	21.8V
Short-Circuit Current (I)	2.98A	3.9A	4.60A	4.87A	5.23A
Dimensions (Tolerance +4/-1mm)	835X540	1210X540	1210X540	1210X540	1210X540
Thickness (Tolerances ±1mm )	28mm				
Weight	5.5-8.2kgs				
Packing	2pcs/ctn				
Size	69.1*23*62.6cm	125*11.7*62.5cm	125*11.7*62.5cm	125*11.7*62.5cm	125*11.7*62.5cm
<b>Characteristic Data</b>					
Type of Solar Cells	Monocrystalline 125mmx125mm				
Connection	Connection box with bypass diodes, 90cm leading cable, length of poles (-) 1.1m, (+)1.4m				
<b>Temperature</b>					
Power - Tk (Pn)	-0.47%/°C				
Open Circuit Voltage Tk (Upc)	-0.38%/°C				
Short Circuit Current Tk (I)	+0.10%/°C				
<b>Limits</b>					
Max System Voltage	1000Voc				
Opening Module Temperature	-40~+90°C				
Max Load	5400N/M <sup>2</sup>				
Tolerance	±3%				