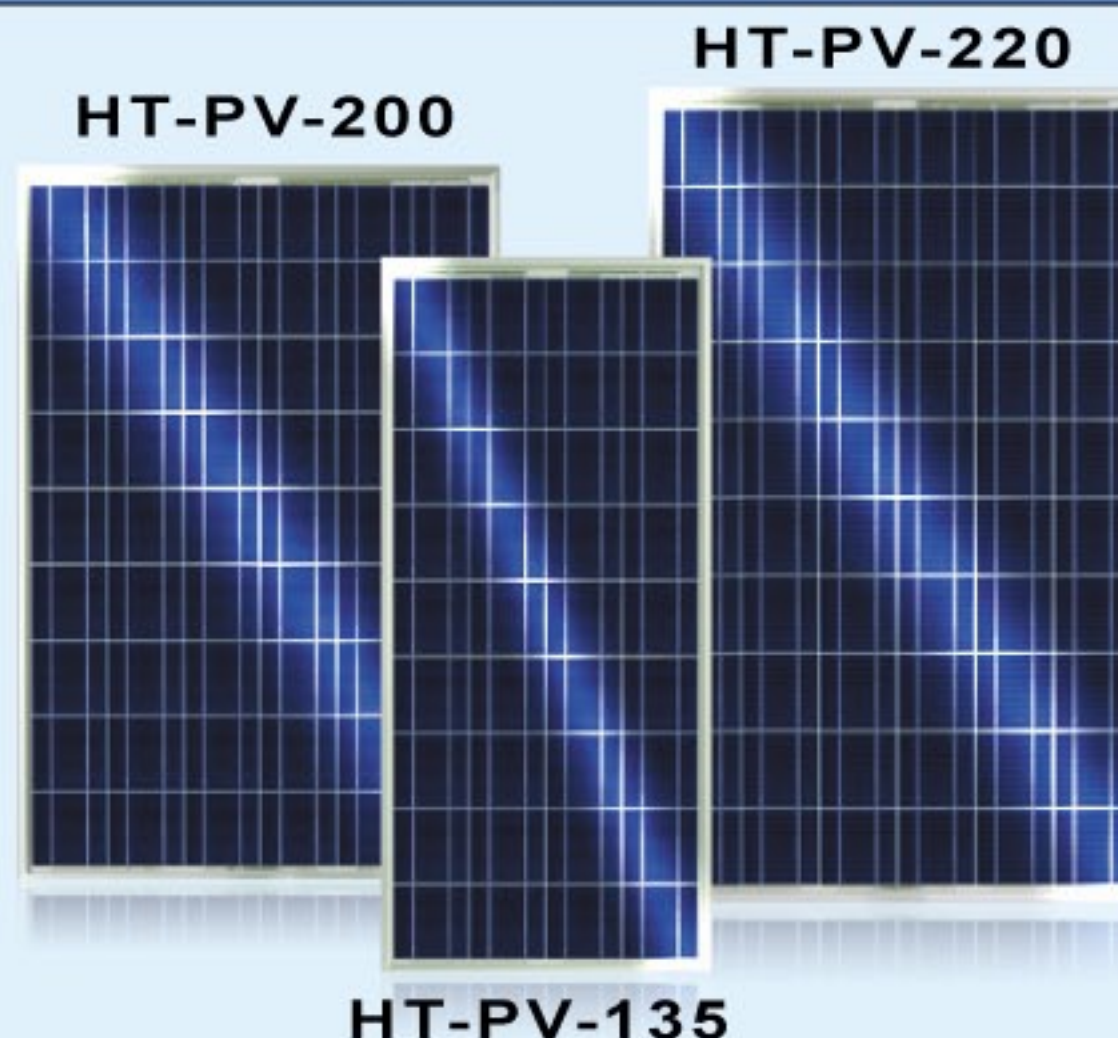




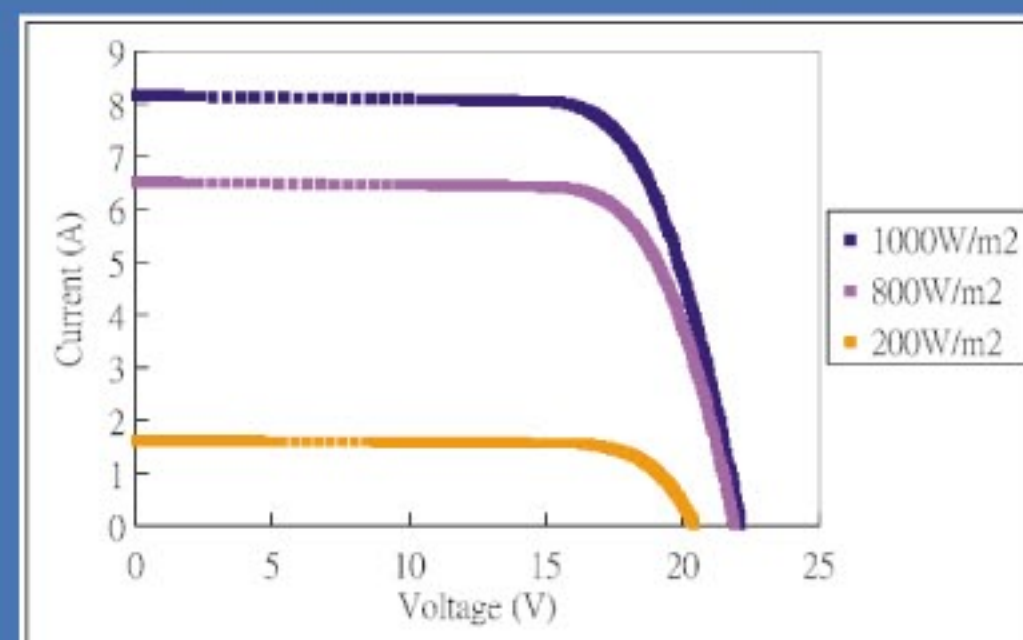
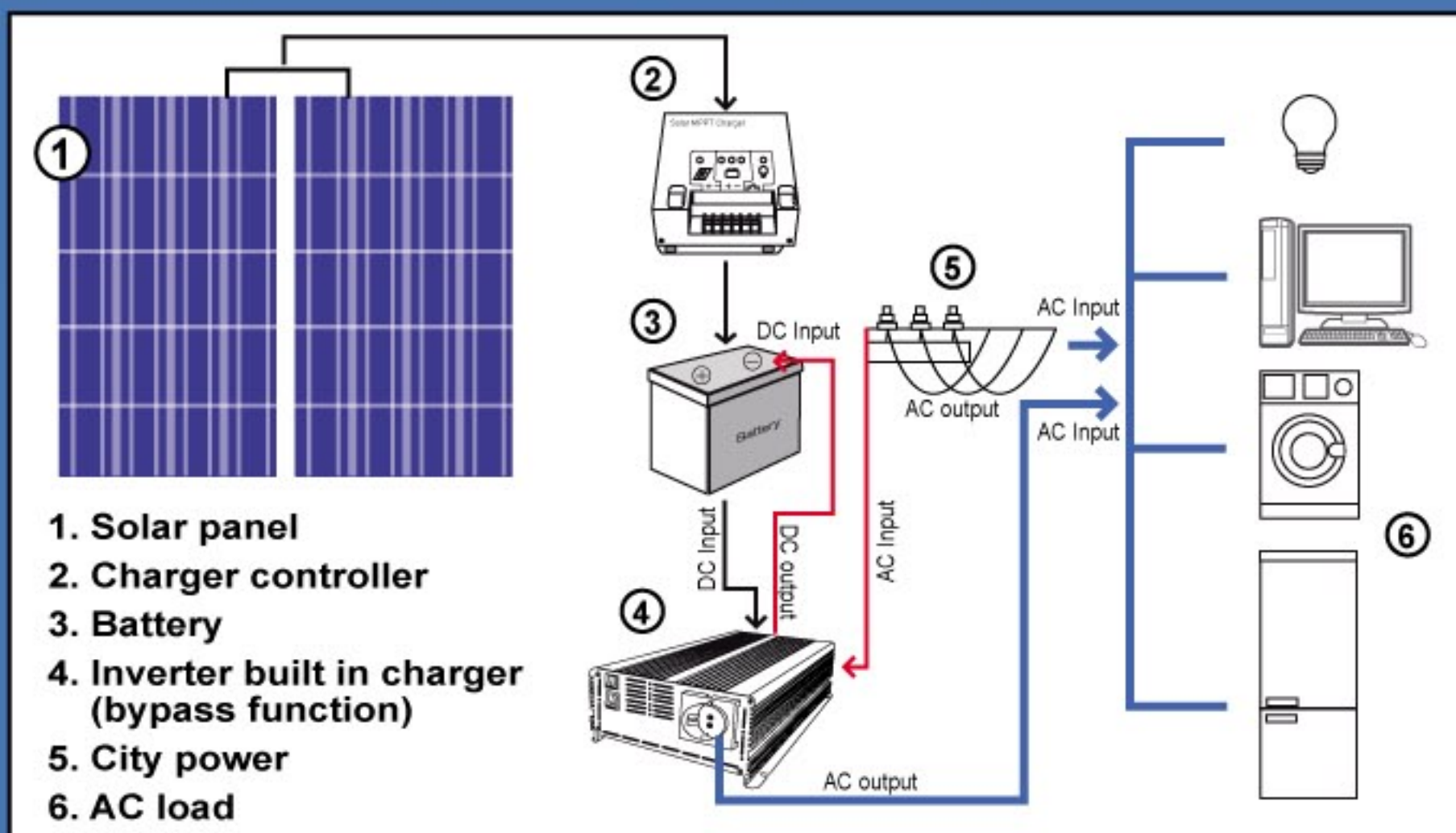
Solar Module

Product Features

1. The most reliable quality-Made in Taiwan.
2. High conversion efficiency.
3. Effectively minimize the power drop by the shade.
4. High-level protection for severe environment
5. High quality glass provides for less reflection of incoming sunrays.
6. 10 year 90% minimum output warranty.



Model No.	HT-PV-135	HT-PV-200	HT-PV-220
ELECTRICAL CHARACTERISTICS			
Maximum Power Rating (Pmax)	135W ± 5%	200W ± 5%	220W ± 5%
Voltage at Pmax (Vpm)	17.28 V	26.16 V	28.79 V
Current at Pmax (Ipm)	7.62 A	7.72A	7.67A
Open-Circuit Voltage (Voc)	22.14 V	33.62 V	36.72 V
Short-Circuit Current (Isc)	8.16 A	8.27A	8.10A
Operating Temperature	-40 to 85°C	-40 to 85°C	-40 to 85°C
Maximum System Voltage	1000VDC (600VDC in US)	1000VDC (600VDC in US)	1000VDC (600VDC in US)
Maximum Series Fuse Rating	10A	10A	10A
Module Efficiency	13.20%	13.33%	13.26%
MECHANICAL CHARACTERISTICS			
Solar Cell	Polycrystalline Silicon	Polycrystalline Silicon	Polycrystalline Silicon
No. of Cells	36 (4x9)	54 (6x9)	60 (6x10)
Dimensions (mm)	1500 x 682 x 42	1500 x 1000 x 42	1659 x 1000 x 42
Weight	14 Kg	19 Kg	21 Kg
Junction Box	IP65 Junction Box(TÜV Certified)		
TEMP. CHARACTERISTICS			
Nominal Operating Cell Temperature (NOCT)	44.2°C	44.2°C	44.2°C
Temp. coefficient of Pmax	-0.52%/°C	-0.52%/°C	-0.52%/°C
Temp. coefficient of Voc	-0.37%/°C	-0.37%/°C	-0.37%/°C
Temp. coefficient of Isc	+0.07%/°C	+0.07%/°C	+0.07%/°C
PERFORMANCE WARRANTY			
90% Output	10Years	10Years	10Years
80% Output	20Years	20Years	20Years



Made in Taiwan