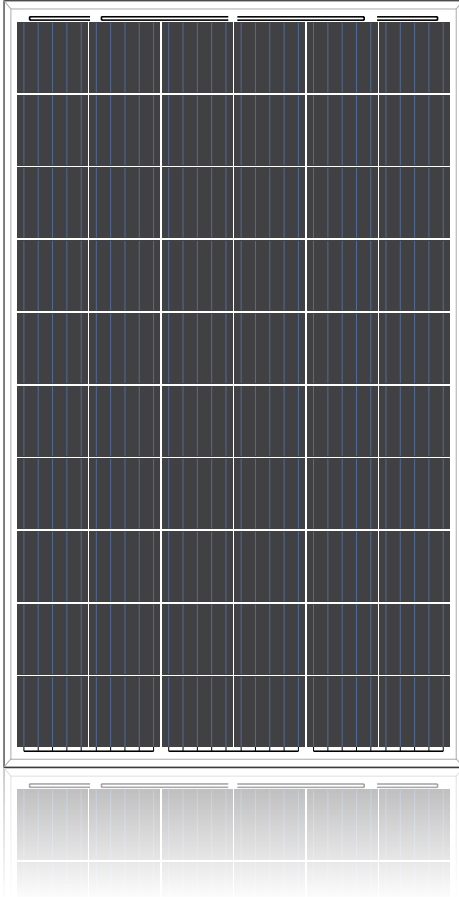


CT60-P

270~285W

POLYCRISTALLINE PV MODULE

C&T Solar



Mechanical Specification

Cells Type	Poly156×156 mm
Weight	18 kg
Dimension (L×W×T)	1640×992×35mm
Output Cables	TUV, Length 900mm, 4.0mm ²
No.of Cells	60 (6×10)
Front Glass	3.2mm High Transmission, Low Iron Tempered Glass
Frame	Anodised Aluminium
Junction box	IP67, 3 Bypass Diodes
Connector	MC4 or MC4 Compatible

Packing Configuration

Container	20GP	40GP	40HC
PCS per pallet	30	30	30
PLT per container	14	28	28
PCS per container	360	840	924

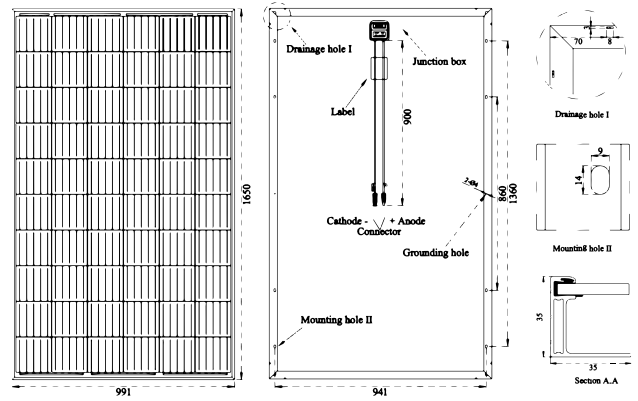
Certificates



CT60-P

270~285W

POLYCRISTALLINE PV MODULE



Operating Parameters

Maximum system voltage	DC1000V
Operating Temperature (°C)	-40 ~ +85 °C
Maximum series fuse rating	15A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature (NOCT)	45 °C ± 2 °C
Application level	Class A

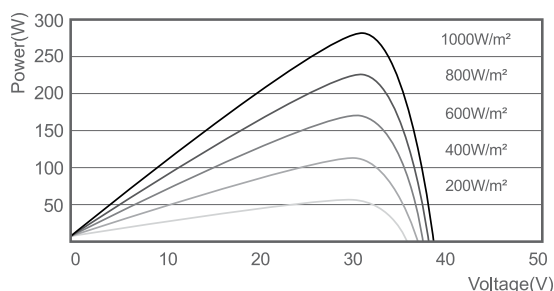
Electrical Characteristics (Standard Test Conditions)

Module Type	CT60270-P	CT60275-P	CT60280-P	CT60285-P
Maximum Power (Pmax)	270 W	275 W	280 W	285 W
Open-circuit Voltage (Voc)	38.4 V	38.5 V	38.6 V	38.7 V
Maximum Power Voltage (Vmp)	31.1 V	31.3 V	31.5 V	31.7 V
Short-circuit Current (Isc)	9.09 V	9.2 V	9.31 V	9.42 V
Maximum Power Current (Imp)	8.69 A	8.79 A	8.89 A	9.0 A
Module Efficiency (%)	16.60 %	16.90 %	17.21%	17.52%
Power Tolerance	0~+5W			
Temperature Coefficient of Isc	0.05% / °C			
Temperature Coefficient of Voc	- 0.31% / °C			
Temperature Coefficient of Pmax	- 0.41% / °C			
Standard Test Environment	Irradiance 1000w/m ² , Cell temperature 25 °C , Spectrum AM1.5			

Electrical Characteristics (Noct)

Module Type	CT60270-P	CT60275-P	CT60280-P	CT60285-P
Maximum Power (Pmax)	199 W	202 W	206 W	210 W
Open-circuit Voltage (Voc)	35.4V	35.5V	35.6 V	35.7 V
Maximum Power Voltage (Vmp)	28.3 V	28.5 V	28.7 V	28.9 V
Short-circuit Current (Isc)	7.36 V	7.45 V	7.54 V	7.63 V
Maximum Power Current (Imp)	7.04 A	7.09 A	7.18 A	7.27 A
Standard Test Environment	Irradiance 800w/m ² , Cell temperature 20 °C , Spectrum AM1.5, Wind speed 1m/s			

PV Curve (275W)



IV Curve (275W)

