

## แผงโซลาร์เซลล์โมโนคริสตัลไลน์ MONOCRYSTALLINE PANEL

CTS-310WM



**310W**  
FOUR-BUSBAR CELL

**Warranty**

MANUFACTURING 10 YEARS

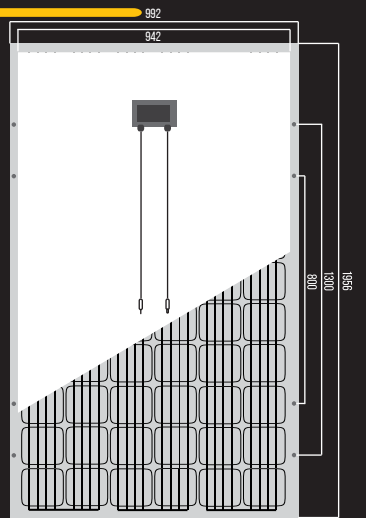
POWER PRODUCTION 90% 12 YEARS AND 80% 25 YEARS

### TEMPERATURE CHARACTERISTICS :

CURRENT TEMPERATURE COEFFICIENT %/C	: +0.06
VOLTAGE TEMPERATURE COEFFICIENT %/C	: -0.34
POWER TEMPERATURE COEFFICIENT %/C	: -0.47

### ELECTRICAL CHARACTERISTICS :

MAXIMUM POWER	: 310W
TOLERANCE (%)	: 0/+3%
OPEN CIRCUIT VOLTAGE (V)	: 45.50 VOC
SHORT CIRCUIT CURRENT (A)	: 8.70 ISC
MAXIMUM POWER VOLTAGE (V)	: 37.50 VMP
MAXIMUM POWER CURRENT (A)	: 8.27 IMP
MODULE EFFICIENCY (%)	: 15.98%
SOLAR CELL EFFICIENCY (%)	: 17.70%
SERIES FUSE RATING (A)	: 15
TERMINAL BOX	: IP65
MAXIMUM SYSTEM VOLTAGE (V)	: DC1000V (TUV) / DC600V (UL)
OPERATING TEMPERATURE (C)	: -40C - +85C
FRONT PANEL	: 3.2MM TEMPERED GLASS, LOW IRON
FRAME	: ELECTROPHORETIC ALUMIUM ALOY
OUTPUT CABLES	: 4MM2, LENGTHS 900MM
CONNECTOR ON CABLE	: MC4 COMPATIBLE
DIMENSION	: H 1956MM X W 992MM X D 35MM
WEIGHT	: 21KGS / PANEL
PACKING	: 2 PANELS PER CARTON



### PRODUCT FEATURE :

- 01** BYPASS DIODE MINIMIZES THE POWER DROP BY SHADE
- 02** WHITE TEMPERED GLASS, EVA RESIN WEATHER PROOF FILE
- 03** ANODIZED ALUMIUM FRAME TO PROVIDE SEVEREST ENVIRONMENTAL CONDITIONS
- 04** WATERPROOF PERFECT FOR GRID APPLICATIONS

CURRENT-VOLTAGE & POWER-VOLTAGE CHARACTERISTIC VARIOUS IRRADIANCE LEVELS

