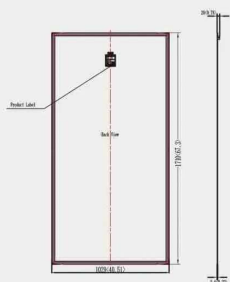
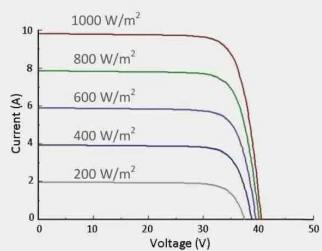


### DIMENSIONS



### I-V CURVE (310)



### TEMPERATURE CHARACTERISTICS

Nominal Module Operating Temperature(NOMT)	41±2 °C
Temperature Coefficient of $P_{max}$	-0.38 %/°C
Temperature Coefficient of $V_{oc}$	-0.28 %/°C
Temperature Coefficient of $I_{sc}$	0.020 %/°C



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### ELECTRICAL CHARACTERISTICS

STC	PND305M-6X10UW	PND310M-6X10UW
Maximum Power ( $P_{max}$ )	305	310
Maximum Power Voltage ( $V_{mp}$ )	33.0	33.3
Maximum Power Current ( $I_{mp}$ )	9.25	9.31
Open-circuit Voltage ( $V_{oc}$ )	40.3	40.5
Short-circuit Current ( $I_{sc}$ )	9.74	9.81
Module Efficiency (%)	17.3	17.6
Operating Temperature	-40 °C to 85 °C	
Maximum System Voltage	1000 V DC (IEC)	
Maximum Series Fuse Rating	20 A	
Application Class	Class A	
Power Tolerance	0/+5 W	

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25 °C, AM=1.5. Tolerances of  $P_{max}$ ,  $V_{mp}$  and  $I_{mp}$  are within ±5%

NMOT	PND305M-6X10UW	PND310M-6X10UW
Maximum Power ( $P_{max}$ )	229	233
Maximum Power Voltage ( $V_{mp}$ )	30.5	30.7
Maximum Power Current ( $I_{mp}$ )	7.51	7.59
Open-circuit Voltage ( $V_{oc}$ )	37.4	37.6
Short-circuit Current ( $I_{sc}$ )	7.96	8.04

NMOT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20 °C, AM=1.5, Wind speed 1 m/s.

### MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline silicon (158.75mm)
No. of Cells	60 (6×10)
Module Dimensions	1710×1029×5.6 mm
Weight	6.0kg
Backsheet	White
Frame	Black Anodized Aluminium Alloy
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4.0 mm <sup>2</sup> : (+)150 / (-)150 mm
Connector	MC4 compatible

### PACKAGING CONFIGURATION

	20' GP	40' HC
Module per pallet	30+50	50
Pieces per container	480	1200