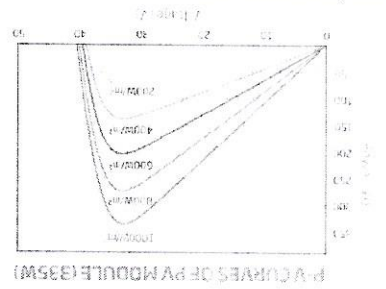
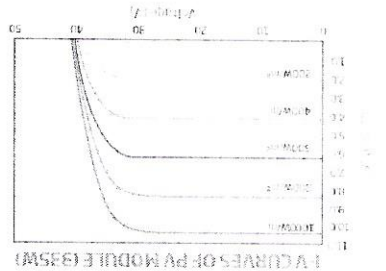
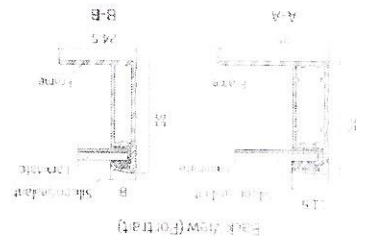
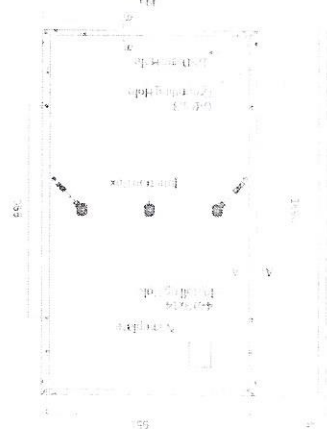


DIMENSIONS OF P-MODULE
154 D006M.0500 (unit:mm)

ELECTRICAL DATA @ 25°C									
TSM-310	TSM-315	TSM-320	TSM-325	TSM-330	TSM-335				
310	315	320	325	330	335	Peak Power Watts-P _{Peak} (W)*	0/+5	0/+5	0/+5
33.0	33.2	33.4	33.6	33.8	34.0	Maximum Power Voltage-U _{Max} (V)	39.0	39.2	39.4
9.40	9.49	9.58	9.67	9.76	9.85	Maximum Power Current-I _{Max} (A)	39.9	40.1	40.3
						Open Circuit Voltage-U _{OC} (V)	10.03	10.12	10.20
						Short Circuit Current-I _{SC} (A)	18.4	18.7	19.0
						Module Efficiency η (%)	STC (Irradiance 1000 W/m ² , Cell Temperature 25°C, Air Mass 1.5)		
* Measured tolerance: ±3%									

ELECTRICAL DATA @ NMOT									
TSM-310	TSM-315	TSM-320	TSM-325	TSM-330	TSM-335				
235	238	242	246	250	254	Maximum Power-P _{Max} (Wp)	31.0	31.2	31.4
						Maximum Power Voltage-U _{Max} (V)	75.7	76.4	7.71
						Maximum Power Current-I _{Max} (A)	376	378	38.0
						Open Circuit Voltage-U _{OC} (V)	8.08	8.15	8.22
						Short Circuit Current-I _{SC} (A)	NMOT Irradiance 800 W/m ² , Ambient temperature 20°C, Wind speed 1 m/s		

MECHANICAL DATA

Solar Cells	Monocrystalline
Cell Orientation	120 cells (6 x 20)
Module Dimensions	1690 x 996 x 35 mm
Weight	18.0 kg
Glass	3.2 mm, High Transmission, AR Coated Heat Strengthened Glass
Encapsulant Material	EVA
Backsheet	Black
Frame	35 mm Anodized Aluminium Alloy
-Box	IP 68 rated
Cables	Photovoltaic Cable 4.0 mm ² , Portrait: N 140 mm / P 285 mm, Landscape: N 1200 mm / P 1200 mm
Connector	TS4

TEMPERATURE RATINGS

NIHOT (Nominal Module Operating Temperature)	41°C (105°F)	Operational Temperature	-40 to +85°C
Temperature Coefficient of Power	-0.35%/K	Maximum System Voltage	1000 VDC (IEC)
Temperature Coefficient of Voltage	-0.25%/K	Max Series Fuse Rating	20A
Temperature Coefficient of Isolation	0.04%/K	Snow Load	5400 Pa (3600 psf)
		Wind Load	2400 Pa (1600 psf)

PACKAGING CONFIGURATION

Modules per box: 30 pieces
Modules per 40' container: 780 pieces

WARRANTY

10 year Product Workmanship Warranty
25 year Performance Warranty

Please refer to product warranty for details.

7 forgoing way specifications

Ref

COUNCIL LU/26/21/CLP

734-0006M-05