

MODULE
SPECIFICATIONS

VOLTPLM-8T110

Peak Power Pmax	110W
Rated Current Imp	7.43A
Rated Voltage Vmp	14.8V
Short-circuit Current Isc	7.88A
Open-circuit voltage Voc	17.6V
Module Efficiency	16.3%
Maximum Power Tolerance	±3%

CONSTRUCTION MATERIALS

Front	3.2mm AR Coated Tempered Glass
Back	3.2mm Tempered Glass
Junction Box	IP65
Output Cables	4mm² x 950mm
Connector	MC4 EVO2
Encapsulation	PVB(0.76+0.01mm thickness)
Backing	Black EVA (0.56+0.01mm thickness)

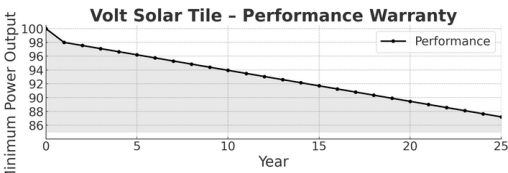
OPERATING CONDITIONS

Max. System Voltage SK II	1500 V
Max. System Fuse Rating (A)	30
Operating Temperature (°C)	-40~85
Max. Static Load, front (e.g. snow) Pa	3600*
Max. Static Load, back (e.g. wind) Pa	1600*

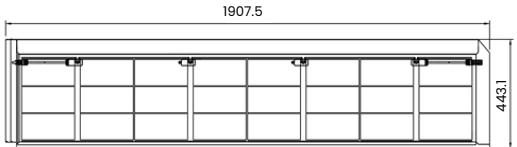
* Under Standard Test Conditions (1000 W/m² irradiance, AM 1.5, 25° C).

^ With a Safety Factor of 1.5

LONG-LASTING RELIABILITY



MODULE DIAGRAM



MECHANICAL CHARACTERISTICS

Cell Size (mm)	210 x 105
No. of cells	24
Module Size (mm)	1907.5 x 443.1mm
Module Weight (Kg)	13.8
Fixing Method	Screwed to batten. Interlock at nose (refer manual)
Fire Class Rating	UL790 Class A & Class C
Test Standards	IEC 61215-1, 1-1, 2:2021 IEC 61730-1, 2:2023

TEMPERATURE COEFFICIENT

Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of Voc	-0.3%/°C
Temperature Coefficient of Isc	0.06%/°C
NMOT	43°C (±2°C)

Designed in Australia, Manufactured in China
for Volt Solar Tile Pty. Ltd.

25 YEAR
PERFORMANCE WARRANTY

10 YEAR
PRODUCT WARRANTY