

# MONOCRYSTALLINE

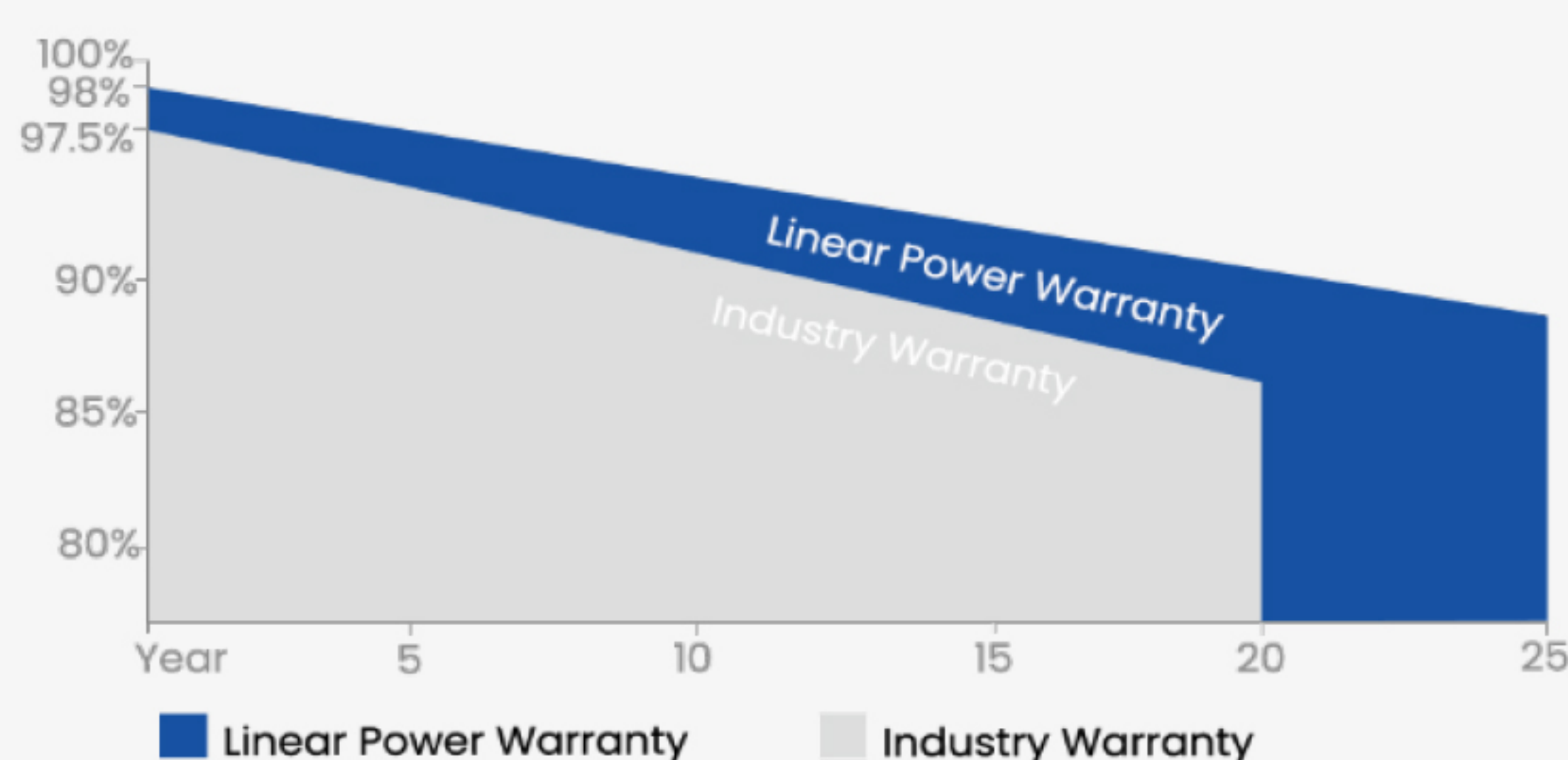
## GM160W

### 182 Mono Solar Module

#### Quality Guarantee

5-Year Warranty for Materials and Processing

25-Year Warranty for Extra Linear Power Output



#### Multiple Main Grid Design

Better light utilization and current collection capability, effectively improve product power output and reliability.

#### Adaptability To Harsh Environments

Third party certification through high salt spray and high ammonia corrosion test.

#### Anti PID Guarantee

The attenuation rate caused by PID phenomenon is minimized by battery production technology optimization and material control.

#### Capacity Of Load

The whole assembly passes 2400Pa wind load and 5400Pa snow load.

#### Comprehensive Certificates

IEC61215, IEC61701, IEC61730

ISO9001:2015 Quality management systems

ISO45001: Environmental management systems

ISO45001:2018 Occupational health and safety management systems





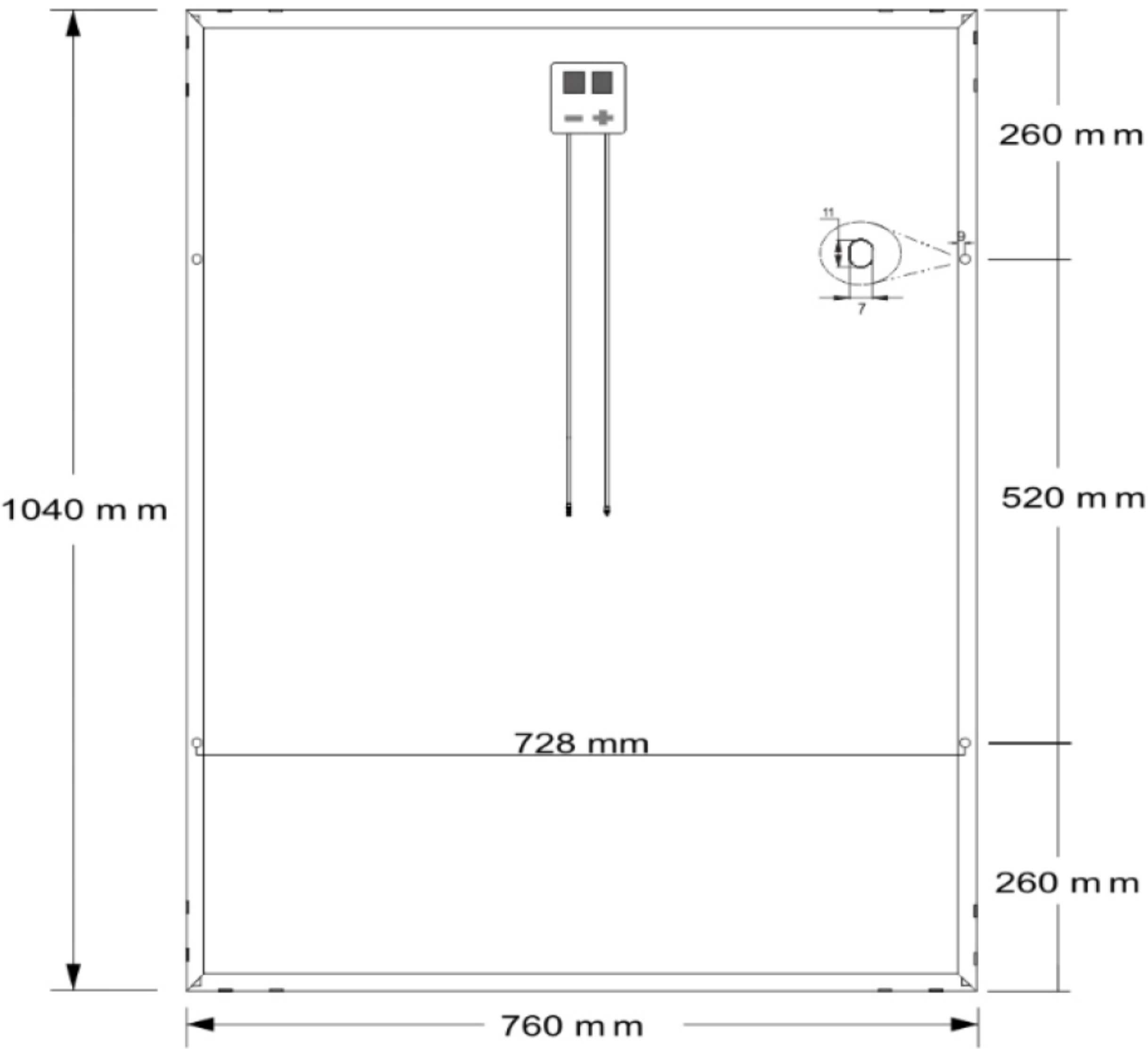
# GM160W

## Liectrical Parameters at (STC)

Power (W)	160W
Module Efficiency (%)	20.20%
Voltage at Pmax (Vmp)	18.24V
Current at Pmax (Imp)	8.77A
Open Circuit Voltage (Voc)	21.80V
Short Circuit Current (Isc)	9.30A
Power Tolerance (W)	±3%

## Mechanical Parameters

Solar Cell (Type/Size)	Mono(182mm)
Solar Cells Number	32Pcs(4*8)
Dimension	1040*760*30mm
Weight	8.30KG/Pcs
Tempered Glass	3.2mm High Permeability Coated
Frame	Anodized aluminum alloy
Junction Box	IP67/2*bypass diode
Cable	2.5mm²/700mm
Connector	Original MC4/Compatible MC4
Mechanical Load	Front 5400PA/back 2400PA



Mechanical Diagrams

## Packing

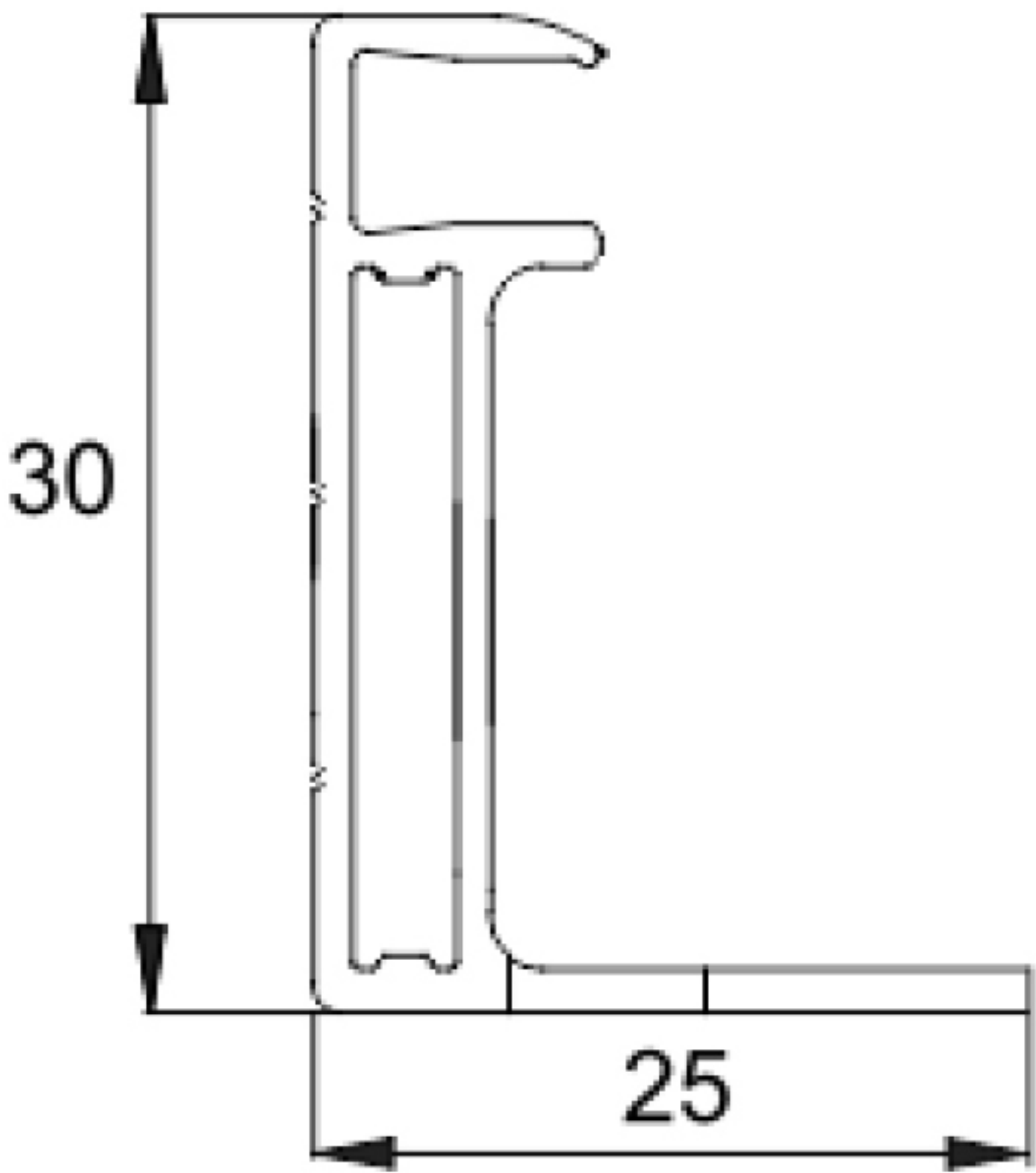
Carton Size	1050*770*70mm
Number	2Pcs/Ctn
Weight	17KG/Ctn
Volume	0.057Cbm/Ctn
20GP Container	900Pcs
40HQ Container	2312Pcs

## STC

Light intensity	1000W/m²
Battery temperature	25°C
Atmosphere quality	15

## NOCT

Light intensity	800W/m²
Battery temperature	20°C
Atmosphere quality	15
Wind velocity	1m/s



Units: mm/±2

## Characteristics

