



**DUALCOM**  
TECHNOLOGY

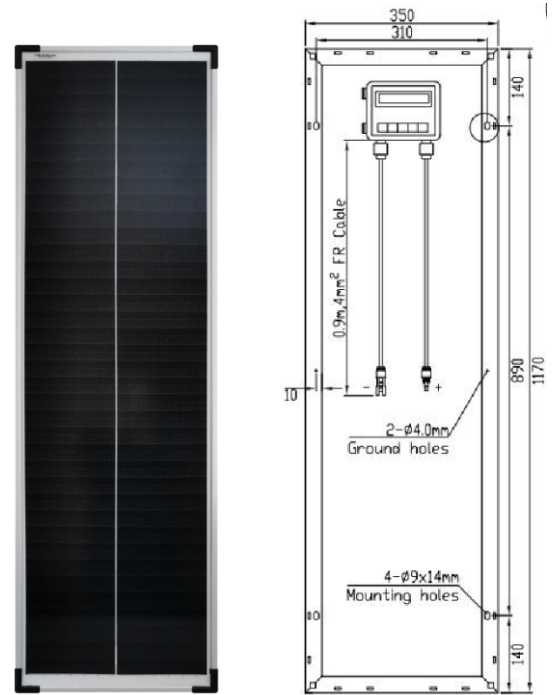
**BETTER POWER - BETTER PERFORMANCE**

## Features

- Seamless Soldering Technology
- Proven module Encapsulation Process
- Narrow / Compact Design
- 4mm<sup>2</sup> Red / Black Cable with Mc4
- 35mm Frame (Rigid for Recreational Vehicles)

## Quality & Safety

- 12-year warranty on product materials and processing technology
- A Grade Solar Cell
- Power output warranty: 10 years:90%, 25 years:80%
- ISO 9001:2015 (Quality Management System) certified factory
- ISO 14001:2015 (Standards for environmental management)
- IEC 61215, IEC 61730-1/2, UL 1703, IEC 61701 (Salt mist corrosion test), IEC 62716 (Ammonia corrosion test)



## Quality & Safety

Peak Power (pmax)	85 Watt
Maximum Power Voltage (vmp)	18.5V
Maximum Power Current (Imp)	4.32A
Open Circuit Voltage (Voc)	21.7V
Short Circuit Current (Isc)	4.46A
Module Efficiency (%)	19.54%
Maximum System Voltage	1000V
Cell Type / Size	Mono-PERC 3X33
Power Tolerance	+3%
Pmax Temperature Coefficient (W / C)	-0.36%
Voc Temperature Coefficient (V / C)	-0.26%
Isc Temperature Coefficient (A / C)	+0.02%
NOCT Nominal Operating Cell Temp (C)	45±3
Operating and Storage Temp (C)	-40~+90
Standard Test Condition (STC)	1.000W/m <sup>2</sup> ;AM 1.5;25+/-2

## Mono PERC

## Mechanical Spec

No. Cells	99 pcs (3x33)
Dimensions	350x1170x35mm
Weight	5.0Kgs
Front Glass	Tempered / AR Coating
Surface Load	5400 Pa / 113 psf
Frame	Anodized Aluminium
Junction Box	IP 68 with 2 Bypass
Output Cables	4mm MC4, L900mm

