

# 20W PHOTOVOLTAIC MODULE

*PM020 Photovoltaic Module*



## OVERVIEW

Pharos Marine Automatic Power provides a solution that is both affordable and practical for any and all of your off-grid power needs.

The Photovoltaic Module is highly resistant to water, abrasion, hail impact and other severe weather conditions, making it suitable for use in any climate.

Certified to IEC 61215 AND 61730

## KEY FEATURES

- Anti-vandalism fixing hardware
- Built to last
- High reliability
- High energy conversion efficiency because of high fill factor
- Cells sorted by power and current to minimize field mismatch losses
- Electroluminescence test carried out for micro-cracks

## PHYSICAL SPECIFICATIONS

Dimensions (HxWxL)	540 x 355 x 22 mm
Weight (kg)	2kg
Mounting Holes Pitch (Y)	200±2mm
Mounting Holes Pitch (X)	327±2mm
Area	0.19m <sup>2</sup>

## ELECTRICAL CHARACTERISTICS

Power	20W Nominal
Voltage at Maximum Power	16.5V
Current at Maximum Power	1.22A
Open Circuit Voltage	20.0V
Short Circuit Voltage	1.36A
Solar Cells per Module	36units
Type of Solar PV Cell	Mono Crystalline
Parent Solar Cell Size	156mm <sup>2</sup>