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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Energy Research Institute B.V.**

**ER-100FM**

**ER-100FM**

Also available on the web at  
[EnergyPal.com/energy-research-institute-b-v-solar-panels/er-100fm](http://EnergyPal.com/energy-research-institute-b-v-solar-panels/er-100fm)

# ER-100FM

## Electrical Characteristics

Max Power	Pmax	100W
Open Circuit Voltage	Voc	20.43V
Short Circuit Current	Isc	6.1A
Max power voltage	VMP	17.36V
Max Power Current	Imp	5.76A
Power temperature co-efficient		-0.38%/°C
Voltage temperature co-efficient		-0.27%/°C
Current temperature co-efficient		+0.05%/°C
Cells Efficiency		23.7%
Maximum System Voltage		150VDC
Output Power Tolerance		±3%

## Specifications

No. of Cells and Connections	28 (4x7)
Module Dimensions	540*940*3mm
Weight	2.1 Kg
Certification	CE, RoHS, ISO

