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EnergyPal

Solar Panel Guide Specification Data Sheet

First Energy Co., Ltd.

FE235-260-60P

FE255-60P

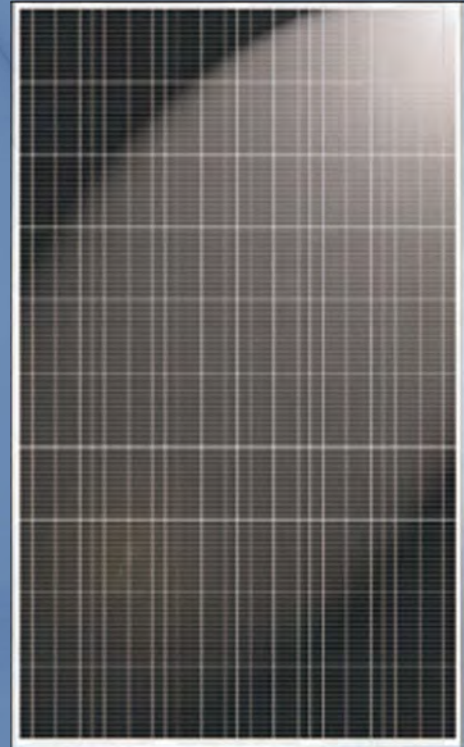
Also available on the web at
EnergyPal.com/first-energy-co-ltd-solar-panels/fe255-60p



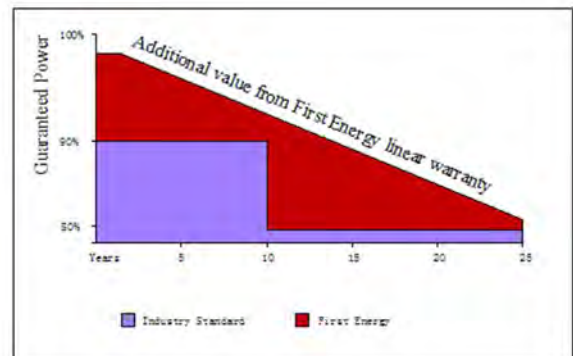
First
Energy

POLYCRYSTALLINE MODULE

FE260-60P	260Wp
FE255-60P	255Wp
FE250-60P	250Wp
FE245-60P	245Wp
FE240-60P	240Wp
FE235-60P	235Wp



- 25-year linear performance warranty.
- 12-year warranty on materials and workmanship.
- 0 to +5W positive tolerance for mainstream products.
- 48 hour-response service.
- EL screening to eliminate product defects
- Fire Test covered.
- Withstand high wind loads and snow loads(5400Pa).
- Anti-reflective highly transparent, low iron tempered glass.
- Whole black and frame features aesthetic appearance.



Caution: Read Safety and Installation Instructions before using the product.
Pls. contact info@zsgrp.com for any further info.

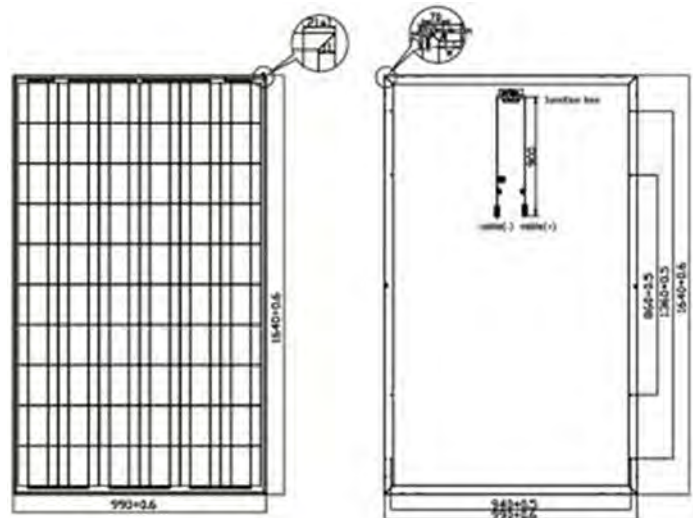
Electrical Data

Characteristic	FE260-60P	FE255-60P	FE250-60P	FE245-60P	FE240-60P	FE235-60P
Max.Power(Pmax)	260	255	250	245	240	235
Maximum Power Voltage(Vmp)	30.5	30.4	30.2	30.0	29.8	29.6
Maximum Power Current(Imp)	8.52	8.38	8.27	8.18	8.06	7.94
Open-circuit Voltage(Voc)	37.4	37.2	37.1	37.0	36.9	36.8
Short-circuit Current(Isc)	9.25	9.13	9.01	8.90	8.78	8.66
Module Efficiency(%)	16.01%	15.71%	15.40%	15.09%	14.78%	14.47%
Cell Efficiency(%)	17.81%	17.46%	17.12%	16.78%	16.44%	16.09%
Power Tolerance	-5 to +5W	-5 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	1000V					
NOCT	45 ± 2°C					
Series Fuse Rating (A)	15					

Note:the specifications are obtained under the Standard Test Condition (STC):1000W/m² Solar irradiance, AM1.5, Cell Temperature 25°C.

Mechanical Data

Cell Type	Poly 156*156mm
Number of cells	60 (6*10)
Module Dimension	1640*990*40mm
Weight	19Kg



Working Conditions

Maximum surface load capacity	Tested up to 5,400 Pa according to IEC 61215
Hail	Max diameter of 25mm with impact speed of 23 m/s
Temperature range	-40 to +85°C

