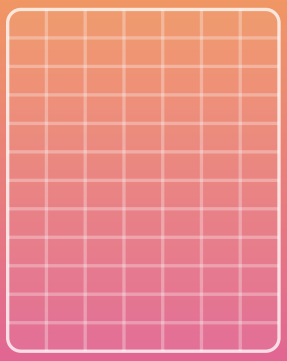
POWERLILY

SOLAR MODULE | DATA SHEET

Powerlily Sample Panel

PL-400M

A fictional 400 W monocrystalline PV module created for Powerlily onboarding, training, demonstrations, and test proposals.



POWERLILY SAMPLE EQUIPMENT

Key specifications	
Rated power	**400 W**
Module efficiency	**20.5%**
Product warranty	**12 years**
Power warranty	**25 years**

Designed for demos

Clean sample data for proposal, design, and equipment-library workflows.

Realistic electrical model

Representative voltage, current, temperature-coefficient, and bifaciality values.

Easy to identify

Powerlily branding and sample-only labeling prevent confusion with commercial equipment.

POWERLILY

Powerlily Sample Panel

PL-400M | SAMPLE DATA

Product details	
Model number	PL-400M
Description	Sample monocrystalline module for onboarding and test proposals.
Technology	Monocrystalline
Rated power	400 W
Module efficiency	20.5%

Electrical characteristics	
Short-circuit current (Isc)	11.08 A
Open-circuit voltage (Voc)	45.3 V
Current at maximum power (Imp)	10.36 A
Voltage at maximum power (Vmp)	38.6 V
Average NOCT	45 C
Temperature coefficient - Voc	-0.27 %/C
Temperature coefficient - Pmax	-0.35 %/C
Bifaciality	70%

Mechanical data	
Dimensions (H x W)	67.8 in x 44.6 in
Weight	47.4 lb

Warranty / degradation	
Product warranty	12 years
Power warranty	25 years
Annual degradation factor	0.995