POWERLILY

DC OPTIMIZER | DATA SHEET

Powerlily Sample DC Optimizer

PL-600O

A fictional pass-through DC optimizer sized for the Powerlily sample module and used to exercise compatibility rules in designs.



POWERLILY SAMPLE EQUIPMENT

Key specifications

Rated input	**600 W**
Modules served	**1**
Max input voltage	**80 V**
Safety output	**1 V**

Compatibility testing

Designed to demonstrate optional optimizer policies on sample string and hybrid inverters.

Pass-through MPPT

Represents an optimizer that preserves inverter-side MPPT behavior in Powerlily.

Representative limits

Includes voltage, current, and safety-output values for electrical checks.

POWERLILY

Powerlily Sample DC Optimizer

PL-600O | SAMPLE DATA

Product details	
Model number	PL-600O
Description	Sample pass-through optimizer sized for the Powerlily sample panel.
Modules per optimizer	1
Electrical behavior	Pass-through MPPT

DC electrical	
Rated input power	600 W
Maximum input voltage	80 V
Maximum short-circuit current	20 A
Maximum output current	15 A
Maximum output voltage	80 V
Safety output voltage	1 V

Compatibility	
Optional with	Powerlily PL-5000S
Optional with	Powerlily PL-7600H