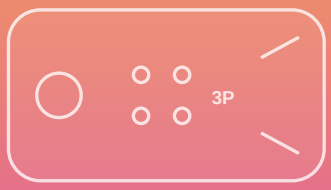
Powerlily Sample 480 V Three-Phase Microinverter

PL-1600M3-480

A fictional native three-phase microinverter for 277/480 V service with four independent MPPTs and one module per input.



POWERLILY SAMPLE EQUIPMENT

Key specifications

Rated AC power	**1.6 kW**
AC service	**277/480 V**
Phases	**3**
MPPTs	**4**
MPPT operating range	**28-55 V**
Nominal AC voltage	**480 V**
Dimensions (H x W x D)	**12.0 in x 10.0 in x 1.8 in**
DC optimizer policy	**Unsupported**

Native 480 V output

Models a 277/480 V three-phase module-level commercial PV architecture.

Four independent MPPTs

One module input per MPPT with representative per-input current limits.

No optimizers

Optimizer support is intentionally disabled for this sample product.

POWERLILY

Powerlily Sample 480 V Three-Phase Microinverter

PL-1600M3-480 | SAMPLE DATA

Product details	
Model number	PL-1600M3-480
Description	Sample native three-phase microinverter for 277/480 V service. Four independent MPPTs, one module per input; DC current limits are per input.
Inverter type	Microinverter
Modules serviced	4
Limited warranty	25 years

DC input	
Number of MPPTs	4
Inputs per MPPT	1
Maximum DC power	2,400 W
Maximum DC power per MPPT	600 W
Maximum input voltage	60 V
Minimum input voltage	22 V
MPPT operating range	28-55 V
Maximum input current per input	12.0 A
Maximum short-circuit current per input	18.0 A

AC output	
Rated AC power	1,600 W
Nominal AC voltage	480 V
Phases	3
Efficiency	96.5%

Mechanical data	
Dimensions (H x W x D)	12.0 in x 10.0 in x 1.8 in
Weight	10.0 lb

Compatibility	
DC optimizer policy	Unsupported