Powerlily Sample 208 V Three-Phase AC Battery

PL-30AC3-208

A fictional AC-coupled LFP cabinet with its own 15 kW, 208 V three-phase inverter for 120/208 V sample systems.



POWERLILY SAMPLE EQUIPMENT

Key specifications

Usable energy	**29.2 kWh**
Continuous power	**15.0 kW**
Nominal AC voltage	**208 V**
Phases	**3**
Dimensions (H x W x D)	**66.0 in x 30.0 in x 28.0 in**

208 V three-phase storage

Pairs naturally with the PL-1600M3-208 sample microinverter on 120/208 V service.

Self-consumption model

The sample definition is intended for self-consumption layout demonstrations.

Commercial-scale cabinet

Includes AC current, internal DC voltage range, and cabinet mechanical data.

POWERLILY

Powerlily Sample 208 V Three-Phase AC Battery

PL-30AC3-208 | SAMPLE DATA

Product details	
Model number	PL-30AC3-208
Description	Sample AC-coupled LFP cabinet with its own 15 kW, 208 V three-phase inverter. Pairs with PL-1600M3-208 on 120/208 V service; use self-consumption mode for the sample layout.
Battery chemistry	Lithium Iron Phosphate
Coupling	AC-coupled
Limited warranty	10 years

Energy	
Total capacity	30.72 kWh
Usable energy	29.2 kWh
Depth of discharge	95%
Round-trip efficiency	90%

AC interface	
Nominal AC voltage	208 V
Phases	3
Continuous discharge power	15.0 kW
Continuous charge power	15.0 kW
Rated continuous output current	41.64 A

Internal DC data	
Minimum DC voltage	537.6 V
Maximum DC voltage	700.8 V

Mechanical data	
Dimensions (H x W x D)	66.0 in x 30.0 in x 28.0 in
Weight	800.0 lb

Compatibility	
Sample PV pairing	Powerlily PL-1600M3-208