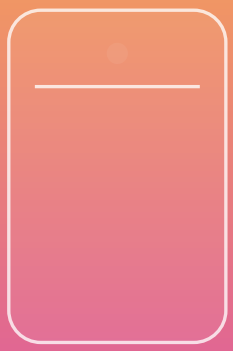
Powerlily Sample AC Battery

PL-13AC

A fictional 13.5 kWh AC-coupled LFP battery with onboard inverter ratings for storage design and proposal demonstrations.



POWERLILY SAMPLE EQUIPMENT

Key specifications	
Usable energy	**13.5 kWh**
Discharge power	**5.0 kW**
Charge power	**3.3 kW**
Round-trip efficiency	**90%**
Nominal AC voltage	**240 V**
Phases	**1**
Dimensions (H x W x D)	**45.3 in x 25.7 in x 5.5 in**

All-in-one AC model

Represents an AC-coupled battery with its own inverter and 240 V single-phase output.

LFP chemistry

Uses lithium iron phosphate sample chemistry for storage training.

Storage workflow ready

Includes charge/discharge power, current, voltage, capacity, and mechanical data.

POWERLILY

Powerlily Sample AC Battery

PL-13AC | SAMPLE DATA

Product details	
Model number	PL-13AC
Description	Sample AC-coupled battery with onboard inverter output ratings.
Battery chemistry	Lithium Iron Phosphate
Coupling	AC-coupled
Limited warranty	10 years

Energy	
Total capacity	13.5 kWh
Usable energy	13.5 kWh
Depth of discharge	100%
Round-trip efficiency	90%

AC output / charging	
Nominal AC voltage	240 V
Phases	1
Continuous discharge power	5.0 kW
Continuous charge power	3.3 kW
Rated continuous output current	20.8 A

Battery DC data	
Minimum DC voltage	44.0 V
Maximum DC voltage	52.0 V

Mechanical data	
Dimensions (H x W x D)	45.3 in x 25.7 in x 5.5 in
Weight	251.3 lb