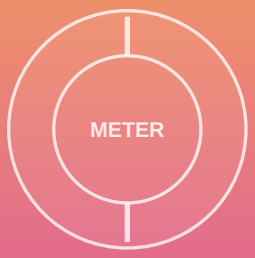
Powerlily Sample Meter Collar

PL-200MC

A fictional 200 A meter-socket isolation device that opens the service while PV and storage combine downstream at the backed-up panel.



POWERLILY SAMPLE EQUIPMENT

Key specifications

Rated current	**200 A**
Continuous current	**200 A**
Nominal AC voltage	**240 V**
Short-circuit rating	**22 kA**
Phases	**1 (120/240 V split-phase)**

Inline isolation

Sits between the utility meter and meter socket and does not provide DER source connections of its own.

Preserves downstream combining

PV and storage combine downstream at the backed-up distribution panel.

Service-entrance rated

Modeled for a 120/240 V split-phase ANSI Form 2S meter socket.

POWERLILY

Powerlily Sample Meter Collar

PL-200MC | SAMPLE DATA

Product details	
Model number	PL-200MC
Description	Sample meter-socket isolation device. It sits between the meter and the socket and opens the service, with no source connections of its own; PV and storage combine downstream at the backed-up panel.
Form factor	Meter collar
Electrical topology	Inline isolator
Limited warranty	15 years

Service ratings	
Nominal AC voltage	240 V
Phases	1 (120/240 V split-phase)
Poles	2
Frequency	60 Hz
Rated current	200 A
Continuous current	200 A
Busbar rating	Not applicable
Maximum overcurrent	200 A
Short-circuit rating	22 kA
Neutral switching	Solid
Service entrance rated	Yes

Backup capabilities	
Whole-home backup	Supported
Partial-home backup	Supported
Generator support	Not specified in sample data

Electrical ports	
Grid port	Grid side; external protection; 200 A continuous; 200 A max OCPD
Load port	Backup side; external protection; 200 A continuous; 200 A max OCPD
DER source ports	None - PV and storage combine downstream

Certification / notes	
Certification	UL 414; UL 1741 SB (IEEE 1547); CSA C22.2 No. 115
Compatibility notes	Sample product. 120/240 V split-phase, ANSI Form 2S meter socket. Both connections take external overcurrent protection, so the service keeps its existing disconnect.