

Powerwall 3 Expansion Technical Specifications

Battery Specifications

Model Number	1807000-xx-y
Nominal Battery Energy	13.5 kWh
Voltage Range ¹	52 - 92 V DC

Environmental Specifications

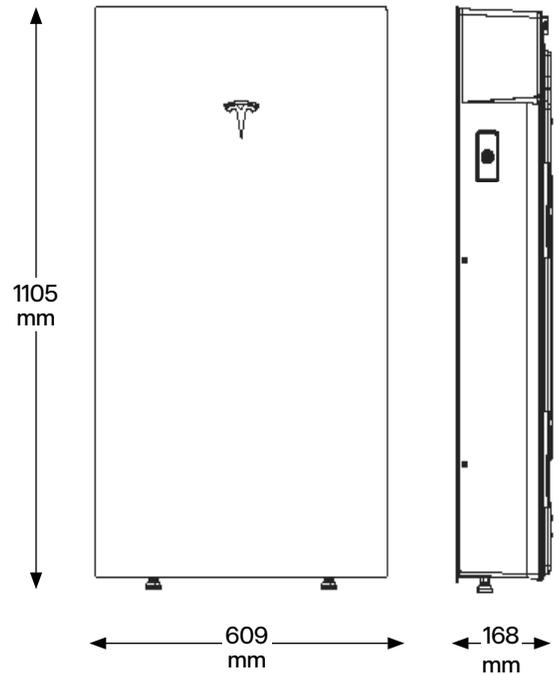
Operating Temperature ²	-20°C to 50°C
Operating Humidity (RH)	Up to 100%, condensing
Storage Temperature	-20°C to 30°C, up to 95% RH, non-condensing, State of Energy (SOE): 25% initial
Maximum Elevation	3000 m
Environment	Indoor and outdoor rated
Ingress Rating	IP67
Pollution Rating	PD3

Compliance Information

Certifications	IEC 62619, IEC 62933-5-2, IEC 61000-6-1:2016, EN IEC 61000-6-3: 2020
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Mechanical Specifications

Dimensions ³	1105 x 609 x 168 mm		
Total Weight	118.5 kg (wall-mounted unit with glass front cover and bracket)		
Weight of Expansion Unit	110 kg (without glass front cover and bracket)		
Mounting Options	Floor or wall mount		
Stacking Capability	Up to (3) Expansion units behind a Powerwall 3 (floor mount only)		
Compatibility with Other Systems	Only compatible with Powerwall 3		
Connection to Powerwall 3 or Expansions	Expansion harness		
Expansion Harness Options	0.5 m	2 m	4 m



¹ Powerwall 3 Expansion units are connected in parallel and are not field serviceable.

² Performance may be de-rated at operating temperatures above 40°C.

³ These dimensions include the glass front cover being installed on the Expansion unit.

Powerwall 3 Example System Configurations

Multi-Powerwall 3 System with up to (4) Powerwall 3 Units and up to (3) Expansion Units

Note: This is the current maximum system size and is supported on all of the example system configurations provided above.

