



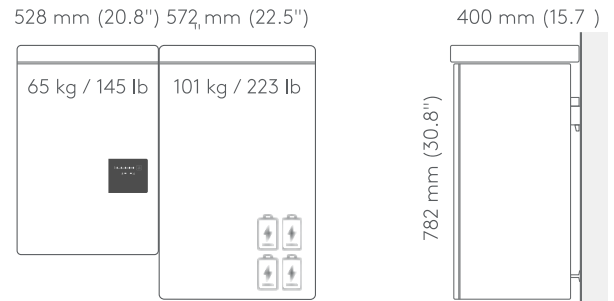
Power rating 5 kW Battery capacity 14kWh

Model number: **E5**
For use with the Max Hub

PCS: AC RATINGS

Rated power	[kW]	5.0
Rated voltage	[V]	240/120
Rated frequency	[Hz]	60
Rated current	[A]	20.8
Maximum overcurrent protection ¹	[A]	60.0
Power factor range		0.8 lead/lag
DC ground fault monitoring		Included

DIMENSIONS



BATTERY MODULE RATINGS

Chemistry		LiFePO ₄
Voltage range	[Vdc]	44.5 to 53.5
Maximum charge & discharge current (recommended)	[Adc]	74.0 (37.0)
DC capacity / (usable)	[kWh]	3.55 / (3.37)
Cycle life		>6000 @ 25°C

DC ENERGY STORAGE RATINGS

Maximum battery modules per cabinet		4
DC capacity (usable)	[kWh]	14.2 (13.5)
Total maximum continuous PCS charge / discharge current	[Adc]	100 /125

PCS BACKUP POWER RATINGS

Rated output power	[KVA]	5.0
Surge rating (6+ battery modules required)	[%]	120 (30 min), 170 (5 sec)
Transfer power interrupt time: to backup / to grid	[s]	4.0 / 0.0

GENERAL RATINGS

Mounting method		Wall-mount
Ambient operating temperature range (recommended)	[°C]	0 to 50 (15 to 30)
Relative air humidity, maximum	[%]	95 (non-condensing)
ESS roundtrip efficiency ²	[%]	> 85.7
PCS (inverter) CEC weighted efficiency	[%]	94.5
Protection degree		Type 3R (NEMA), Indoor /Outdoor
Galvanic Isolation		Transformer
Cooling - PCS / Battery		Fan (thermostat) / convection
Energy consumption, standby (operating)	[W]	8 (30)
Display / EMS communication		LED: battery SOC level, system status / Modbus RS-485

CERTIFICATIONS & WARRANTY

EMC	FCC Part 15 Class B
Safety	UL 9540, UL1741SB , UL 1973, CSA 22.2 No 107.1, IEEE 1547
Utility interface	CSIP Rule 21, HI Rule 14H
Warranty / battery performance guarantee	10 year / 70% capacity, pro-rated /15 year power controls



NRTL certification listee: Eguana Technologies

1. The circuit breaker rating is dependent upon the installed ESS model.

2. Combined minimum roundtrip efficiency (RTE) of the base PCS model with two battery modules at <0.5C charge & discharge rating. The RTE increases with each additional battery module.