

Comparisons



Technical Specifications

HomeGrid Performance Series

Fortress Battery Evault 18.5kWh

Battery Technology	Lithium Iron Phosphate	Lithium Iron Phosphate
Total Energy [kWh]	19.2, 24	18.5
Continuous Power Output [kW]	14,400	8,640
Capacity [Ah]	400, 500	360
Nominal DC Voltage [V]	48	48
DC Voltage Range [V]	46-56	46-56
Recommended Charge Current [A]	300	100
Max Charge Current (Continuous) [A]	300	170
Max Discharge Current (Continuous) [A]	300	180
Max Pulse Current DC (for 10 sec) [A]	350	200
Charge Temperature [F]	32-113	32-113
Discharge Temperature [F]	14-131	32-113
Dimensions [WxDxH, inch]	29 x 15.75 x 40.9	19.2 x 21.3 x 38.8
Weight [lbs]	420, 500	476
Enclosure Rating	IP55	IP21
Lifecycles Tested	Up to 9000	6000
Mounting Options	Floor Standing	Floor Standing
Certificates	UL 1642, UL 1973	UL 1642
Warranty	10 years	10 years
Scalability	Units in parallel (240 kWh)	Units in parallel (222 kWh)
Communication	CAN/RS485	CAN/RS485
Efficiency	>98%	>98%