

Lithos High Voltage Battery Packs

Performance Specifications

Part Number		2 Module Stack		4 Module Stack		4 Module Flat		8 Module Flat	
		Energy	Power	Energy	Power	Energy	Power	Energy	Power
		LHV-2IE-175	LHV-2IP-175	LHV-4IE-350	LHV-4IP-350	LHV-4FE-350	LHV-4FP-350	LHV-8FE-700	LHV-8FP-700
Voltage, Nominal	V	175 V		350 V		350 V		700 V	
Voltage	V	120 - 201 V		240 - 403 V		240 - 403 V		480 - 806 V	
Energy, Nameplate	kWh	6.7	6.2	13.4	12.3	13.4	12.3	26.7	24.6
Capacity	Ah	38.4	36.0	38.4	36.0	38.4	36.0	38.4	36.0
Discharge, Continuous	kW	6.3	31.5	12.6	63.1	12.6	63.1	25.2	126.1
	Amps	36	180	36	180	36	180	36	180
Discharge, Pulse (30s)	kW	21.0	63.1	42.0	126.1	42.0	126.1	84.1	252.3
	Amps	120	360	120	360	120	360	120	360
Charge Current, Standard	Amps	18.6	18.0	18.6	18.0	18.6	18.0	18.6	18.0
Charge Current, Fast	Amps	37.2	48.0	37.2	48.0	37.2	48.0	37.2	48.0
Cycle Life*		1500	500	1500	500	1500	500	1500	500
Mass (Dry)	kg	43.6	42.7	82.3	80.7	85.5	83.8	165.0	162.0
	lbs	96.0	94.1	181.3	177.8	188.3	184.6	363.4	356.8
Specific Energy	Wh/kg	153	144	162	152	156	147	162	152
Specific Power	W/kg	482	1477	511	1563	492	1505	510	1557

*0.5C discharge to 3.00V/cell, CC-CV charge at 0.3C to 4.05V/cell

Contact Lithos Energy Today

Contact Lithos Energy today at sales@lithosenergy.com or calling us at **(415) 944-5482**.