

MODZ® Lithium Battery Specs

Model	NANO			SLIM	BLADE		
Battery Size	38.4V 60Ah	51.2V 60Ah	51.2V 105Ah	51.2V 105Ah	73.6V 105Ah	51.2V 175Ah	51.2V 200Ah
Battery Cell Chemistry	Lithium Iron Phosphate						
Battery Cell Type	High Current Prismatic					Prismatic Blade	
Cell Layout	2P12s	2P16s	1P16S	1P16S	1P25S	1P16S	1P16S
Nominal Voltage	38.4V	51.2V	51.2V	51.2V	73.6V	51.2V	51.2V
Nominal Capacity	60Ah	60Ah	105Ah	105Ah	105Ah	175Ah	200Ah
Total Energy	2.30 kWh	3.07 kWh	5.38 kWh	5.38 kWh	7.73 kWh	8.96 kWh	10.2 kWh
Dimensions	14.0" x 13.8" x 11.0"	14.0" x 13.8" x 11.0"	14.0" x 13.8" x 11.0"	22.0" x 9.76" 10.4"	23.8" x 13.6" x 10.8"	23.8" x 13.6" x 10.8"	23.8" x 13.6" x 10.8"
Weight	69 lbs.	78 lbs.	104 lbs.	110 lbs.	149 lbs.	175 lbs.	185 lbs.
Continuous Discharge Current	200A	200A	250A	250A	250A	260A	260A
Peak Discharge Current @ 10s	450A	450A	550A	550A	550A	550A	550A
Peak Discharge Current @ 5s	500A	500A	600A	600A	600A	600A	600A
Internal Heater	No	No	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)
LCD Rotary Dial State-of-Charge Meter	No*	No*	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)
20A UL Onboard Charger	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)
Built-In Charger Mount	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)	Yes(standard)
Operating Temperature	-4F to 140F						
Charging Temperature	32F to 140F						
IP Protection Rating	IP66						
Case Type	Powder Coated Steel						

\*Includes LED State-of-Charge Meter

Charger Specs

AC Voltage	AC Phase	DC Voltage	DC Current	Dimensions	Weight
110V - 120V	Single Phase 50/60Hz	36V - 57.6V	<20A	11.2" x 6.6" x 3.6"	8.8 lbs.