

IntelliBatt-KleenSpeed EV

IntelliBatt's 2009 joint venture with KleenSpeed Technologies, Inc. is focused on delivering next generation Electric Vehicle (EV) drive-train platforms and developing new components for its Battery Management System—which is essential research toward increasing range, improving performance and protecting or extending the life of the EV battery asset. IntelliBatt and KleenSpeed's testing ground is at KleenSpeed's headquarters in NASA's Moffett Field Research Park where collaboration with NASA is helping to push the EV battery performance envelope.



Model Description	West WX 10T Le Mans Style Racecar
Weight	1200 lbs.
Fastest lap record set	July 19, 2009 Laguna Seca Raceway Salinas, California
Top speed	160 mph-plus
Acceleration	0-60, < 3 seconds
Fastest lap record	1:43 / 90 mph approximate average
Power system	150 kW or approximately 200 horsepower

Battery Overview

Uses cylindrical LiFePO_4 (Lithium Ion, Iron Phosphate technology)

Cell chemistry	LiFePO_4
Total number of cells	1,610
Nominal voltage of battery pack	368V
Continuous maximum discharge current	588A
Pulse discharge current	700A
Nominal capacity of battery pack	36.4Ah
Nominal energy of battery pack	13.4kWh
Battery management system	KleenSpeed/IntelliBatt
Recharge time	2 hours