

Lafayette Formula Electric Vehicle Team
Acopian Engineering Center Room 400
steinmej@lafayette.edu

Dynamometer:

Name: Huff HTH-100

Power: 120 VAC @ 10 A

Maximum RPMs: 11250

Maximum Torque: 150 ft-lbs

Includes test bench, software, display for RPMs and torque, and mounting for motor

Price of Dynamometer, test stand and software for data analysis: \$9,975

Power Supply:

Name: Magna Power TSD100-250/208

Output: 0-100 Vdc; 0-250 Adc; 25kW

Input: 208 Vac, 3-phase

Price of power supply: \$15,115

Installation and maintenance costs: \$5,000

Total out of budget expenses: \$35,000

Accompanying this document is a report outlining the selection of these items in more detail. For any further questions please contact Jakob Steinmetz (steinmej@lafayette.edu).

Sincerely,

The 2014 ECE Seniors

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