

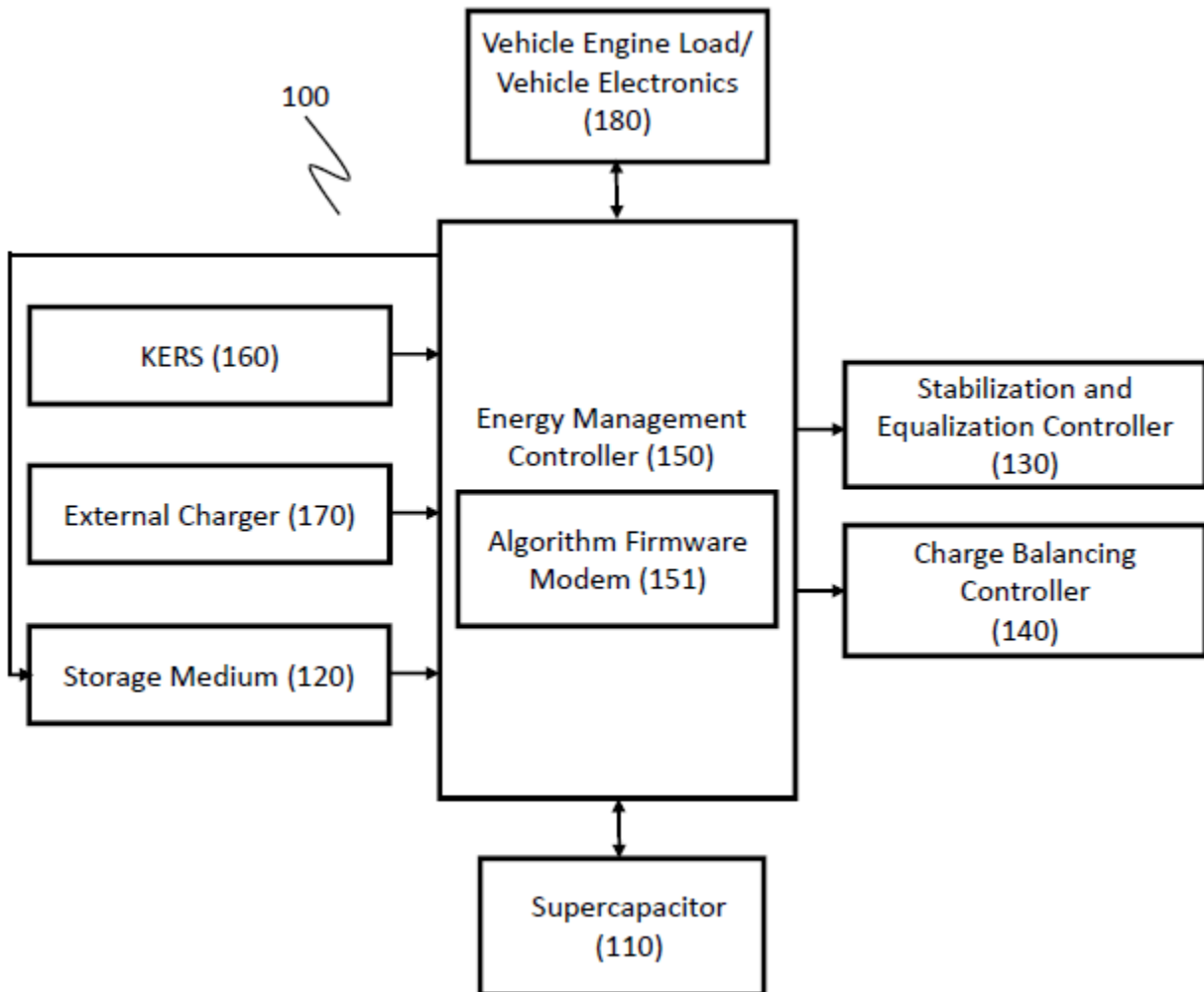


Fig. 1

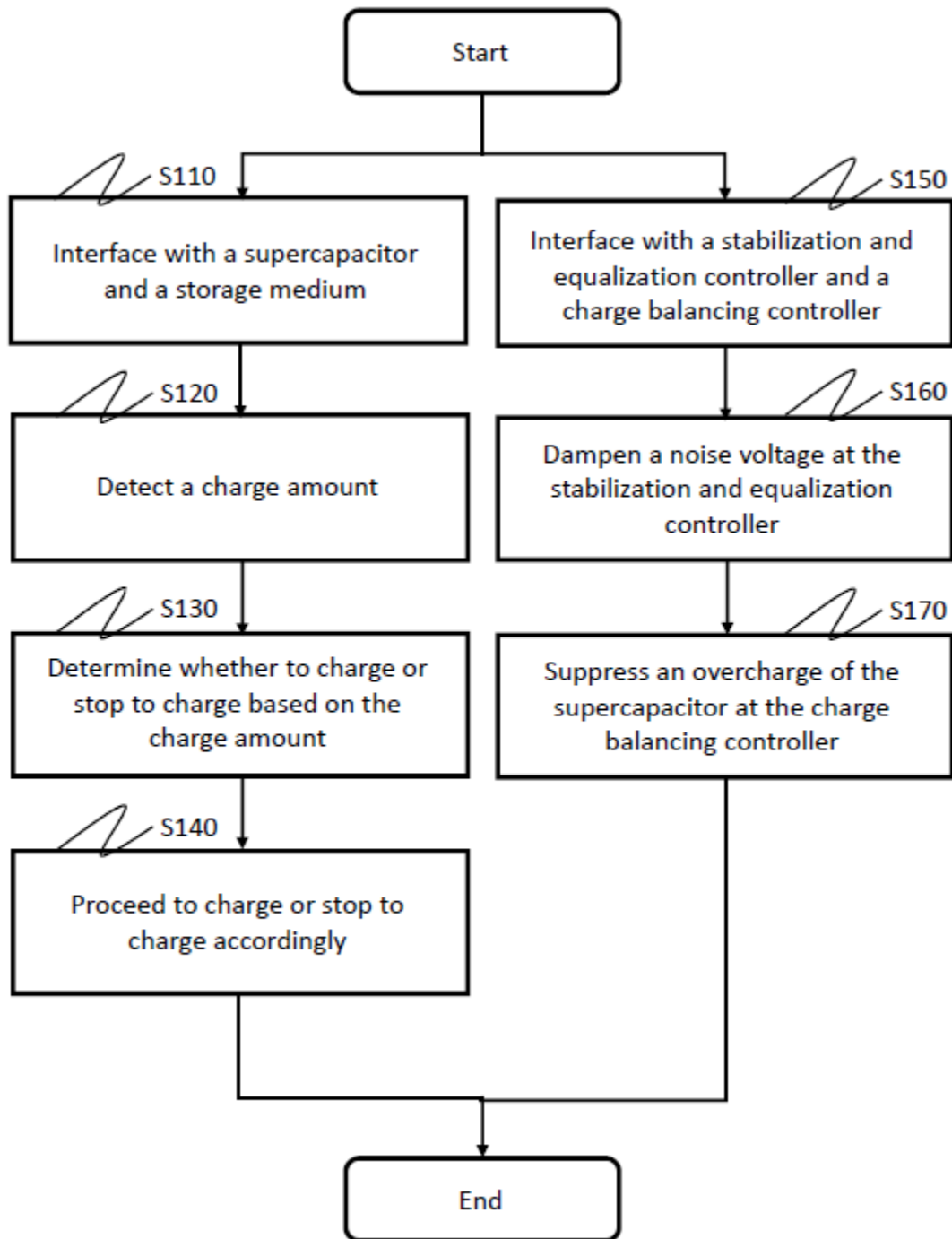


Fig. 2

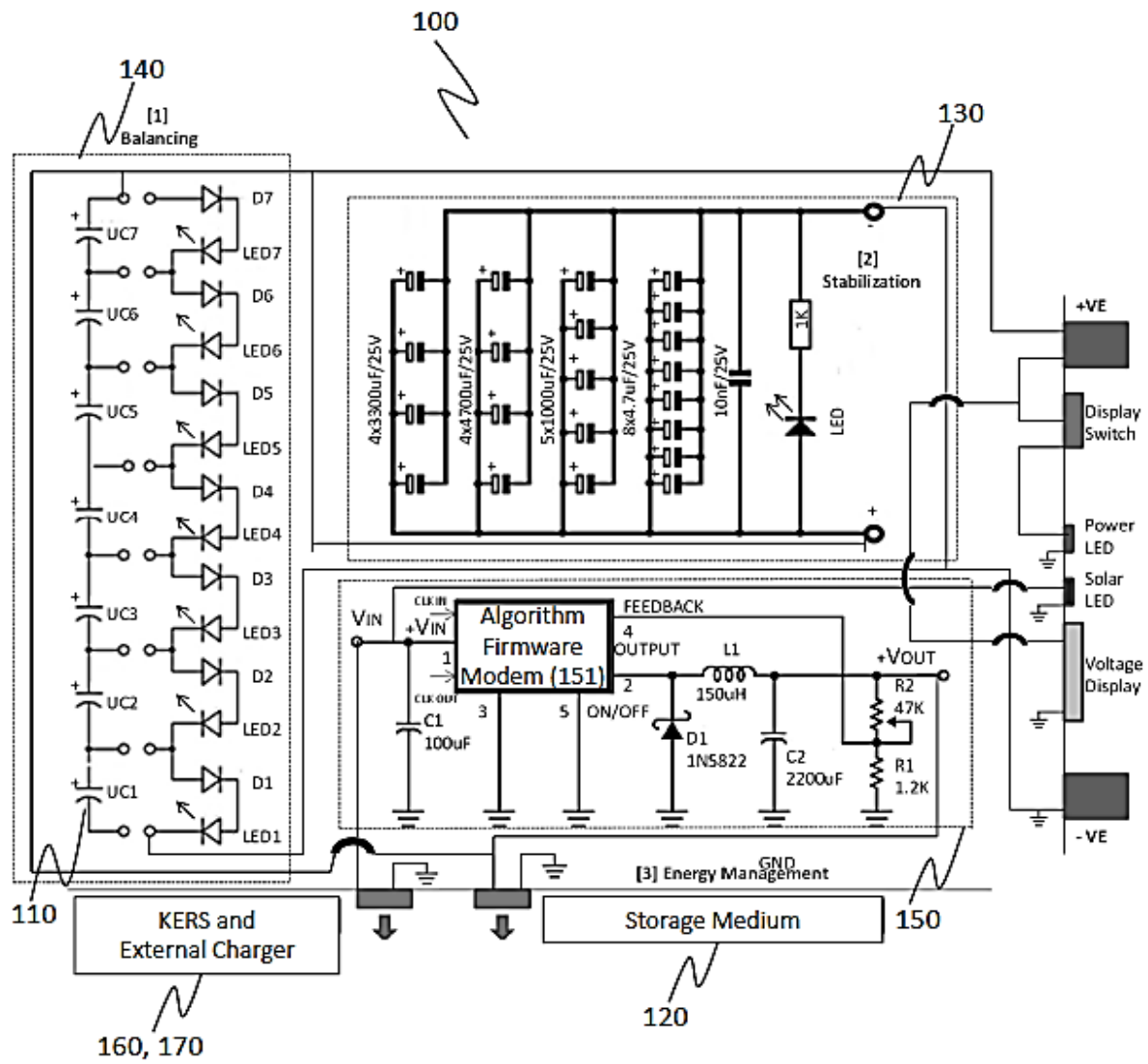


Fig. 3

Balancing [Voltage Balancing Circuitry Components]	
Component	Values
Ultra Capacitor	600 Farads 2.7Volt
Zener Diode	2.6 Volt Zener
LED	1 Watt
Stabilization [Stabilization and Equalization Circuitry Components]	
Component	Values
Capacitor	3300uF/25V
Capacitor	4700uF/25V
Capacitor	1000uF/25V
Capacitor	4.7uF/25V
Capacitor	10nF/25V
Resistor	1K ohm
Energy Management [Solar Induction Energy Management Circuitry Components]	
Component	Values
Capacitor C1	100uF/25V
Capacitor C2	2200uF/25V
Resistor R1	1.2K
Resister R2	47k
Diode D1	1N5822
Inductor L1	150uH
Algorithm Firmware Modem	PIC Programmable Chip & Supporting Electronic Components

Fig. 4

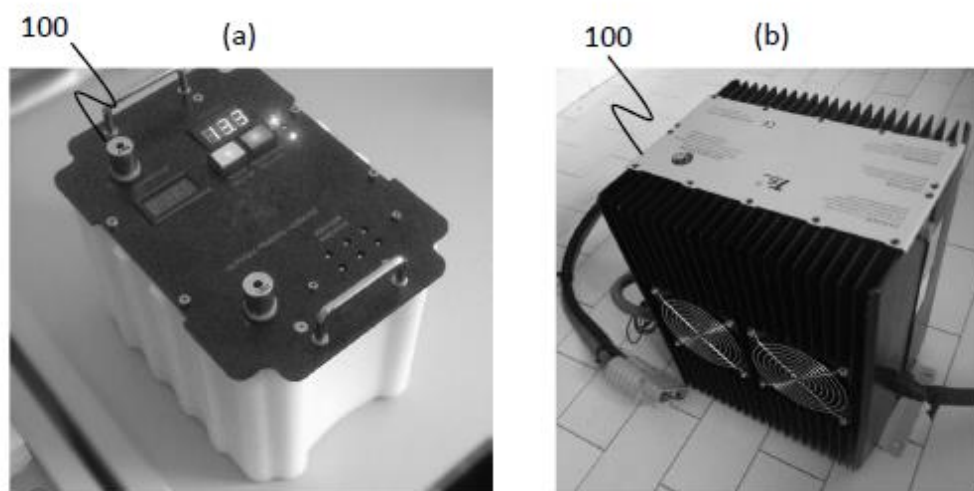


Fig. 5

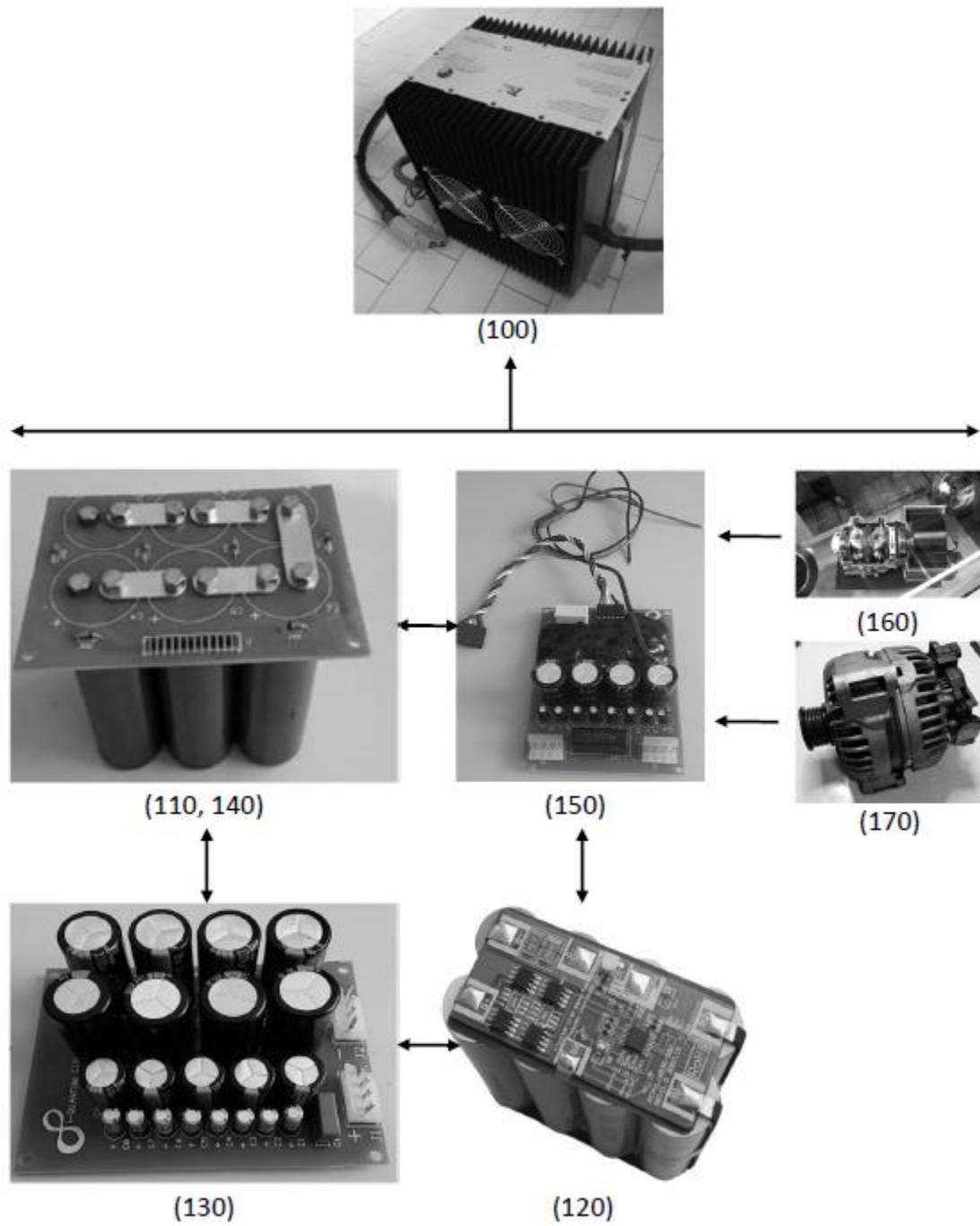


Fig. 6

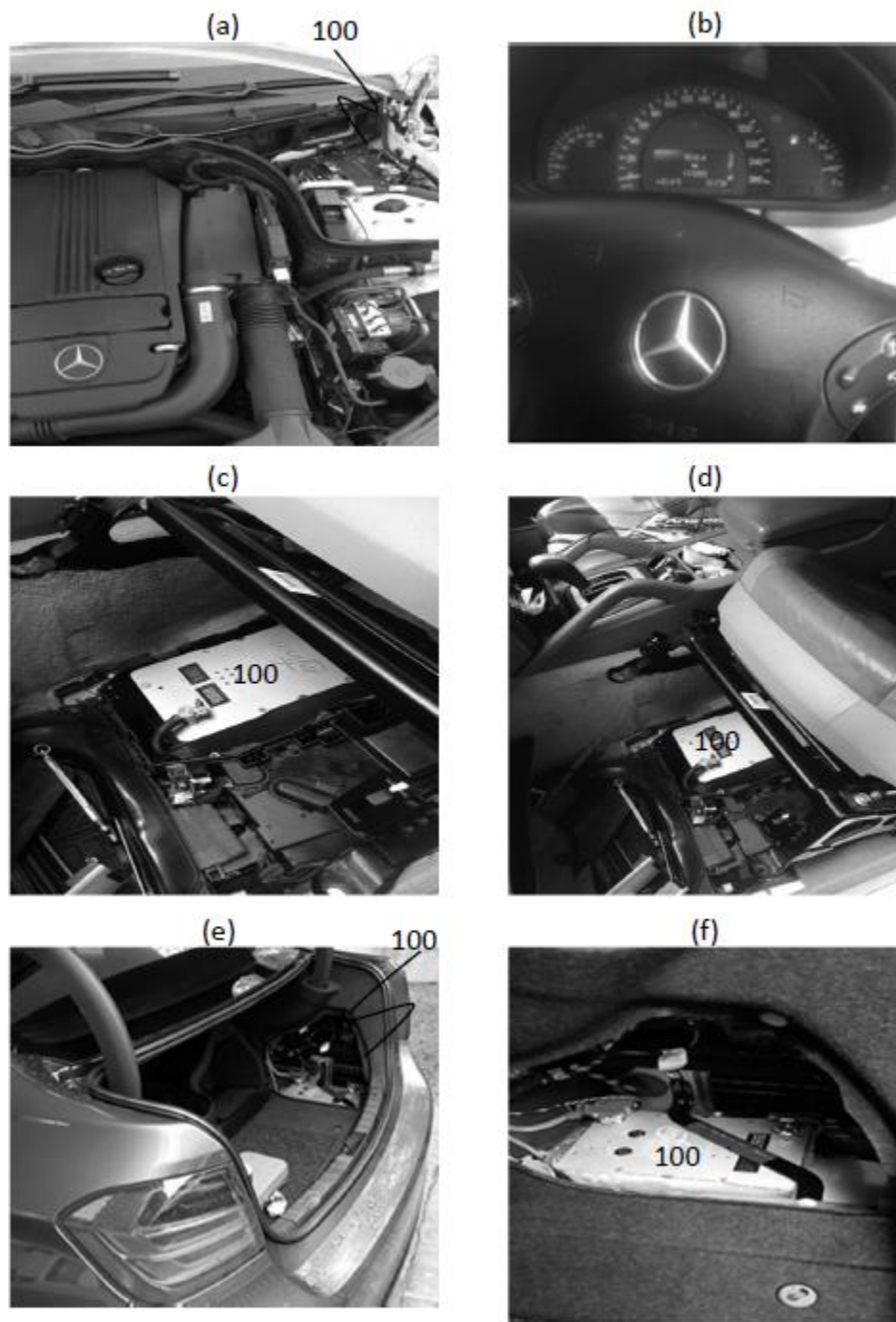


Fig. 7

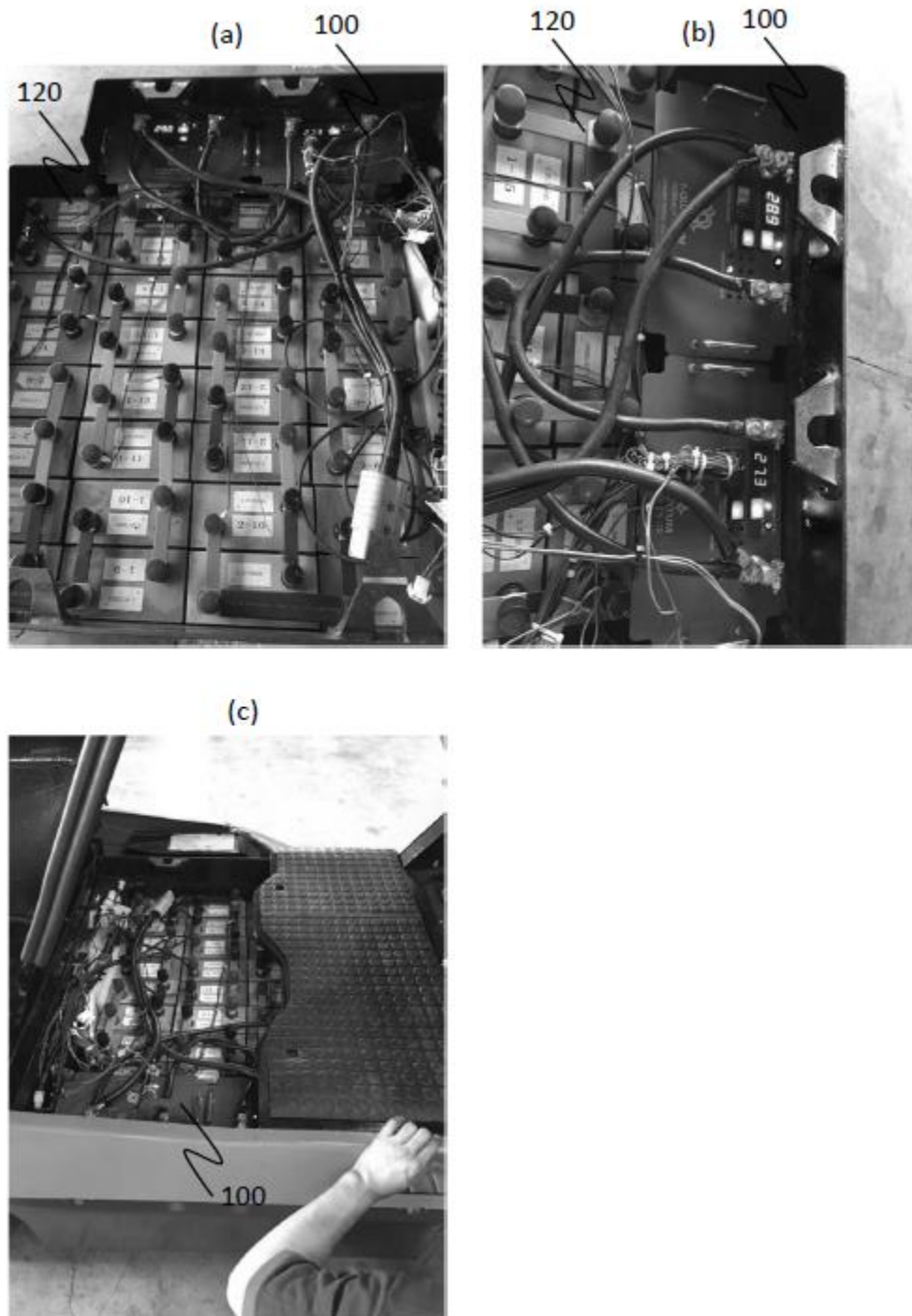


Fig. 8

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Technical Features	Supercharged Graphene Based Quantum Cell	Lead Acid Battery	Lithium Ion Battery
Customized Voltage Range	16.2V max	12-13V	12-13V
Cold Operating Temperature	-40C	-20C	-20C
Hot Temperature	+70C [+85C max]	+60C	+60C
Cycle Life	1 Million	300-10,000	500 or higher
Calendar Life	5-50 Years [Programmed to 5 years]	1-5Years	2-3Years
Specific Power	Up to 10,000W/kg	1,000-3,000W/kg	1,000-3,500W/kg
Charge Rate	>1,500 C/x	<40/x	<60/x
Charge/Discharge Time	Seconds	Hours	Hours

Fig. 9

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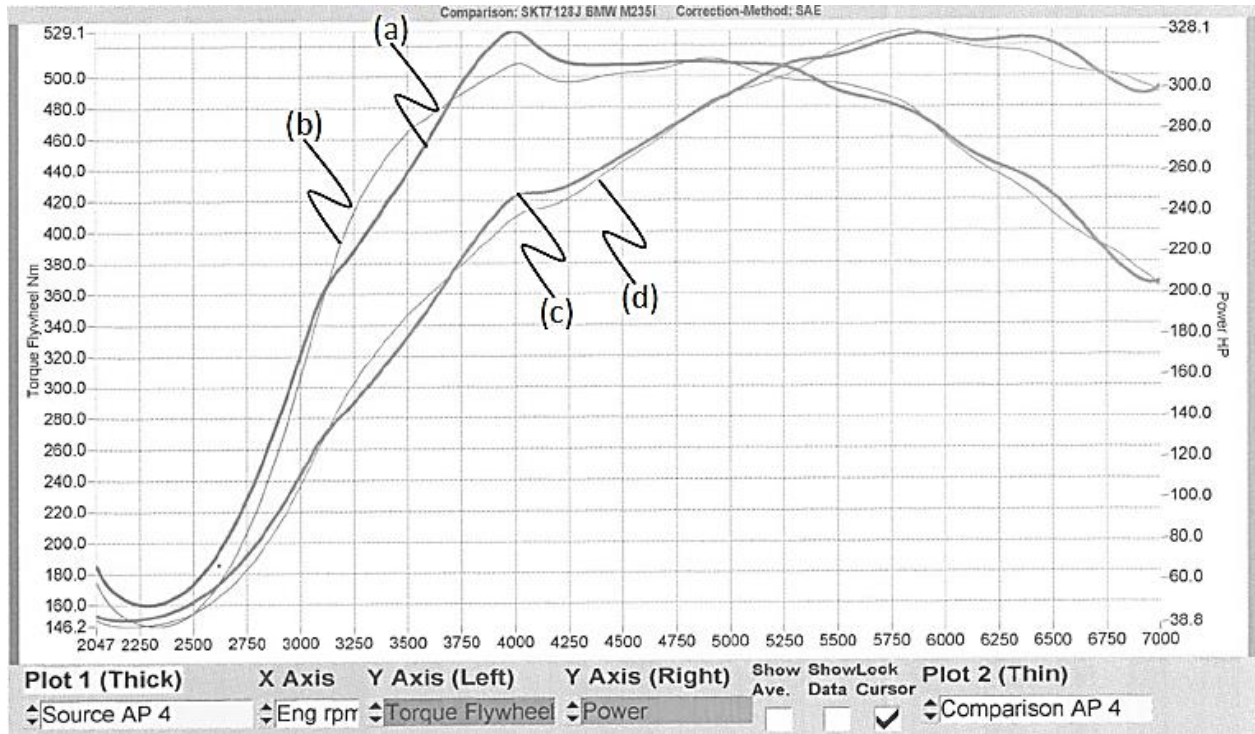


Fig. 10

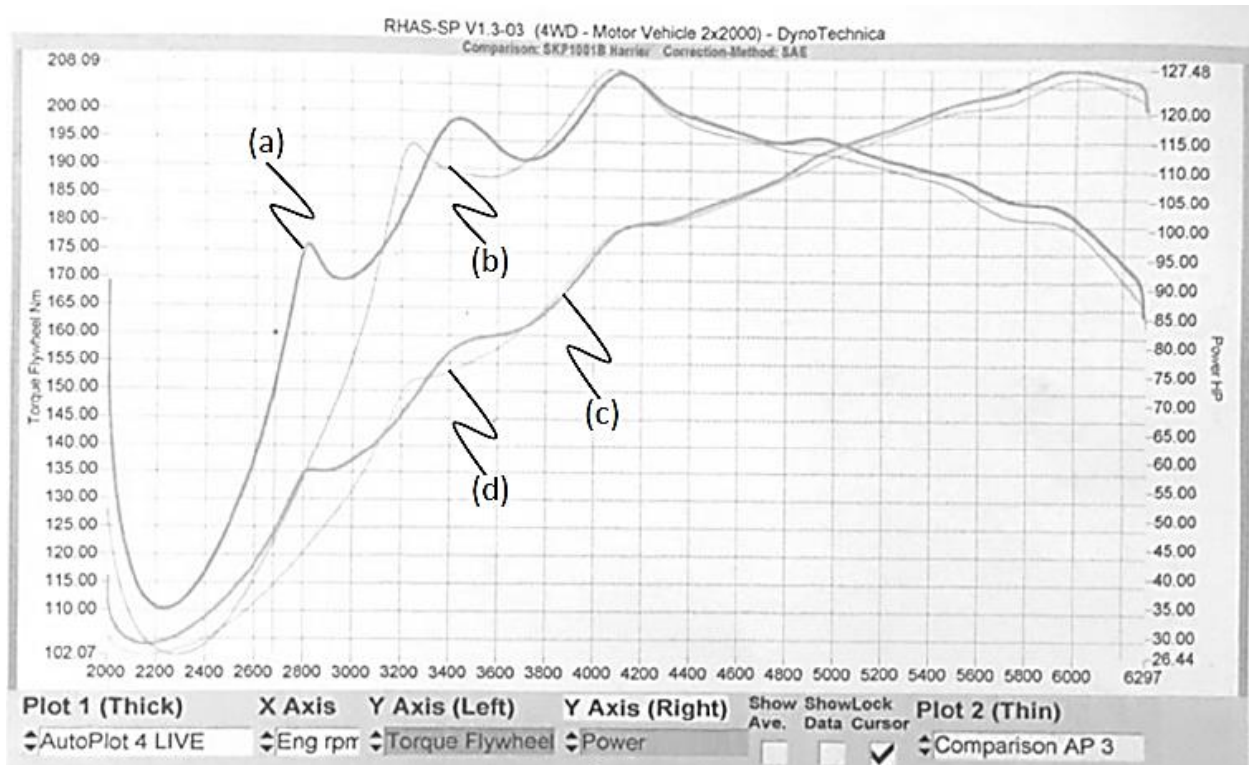


Fig. 11

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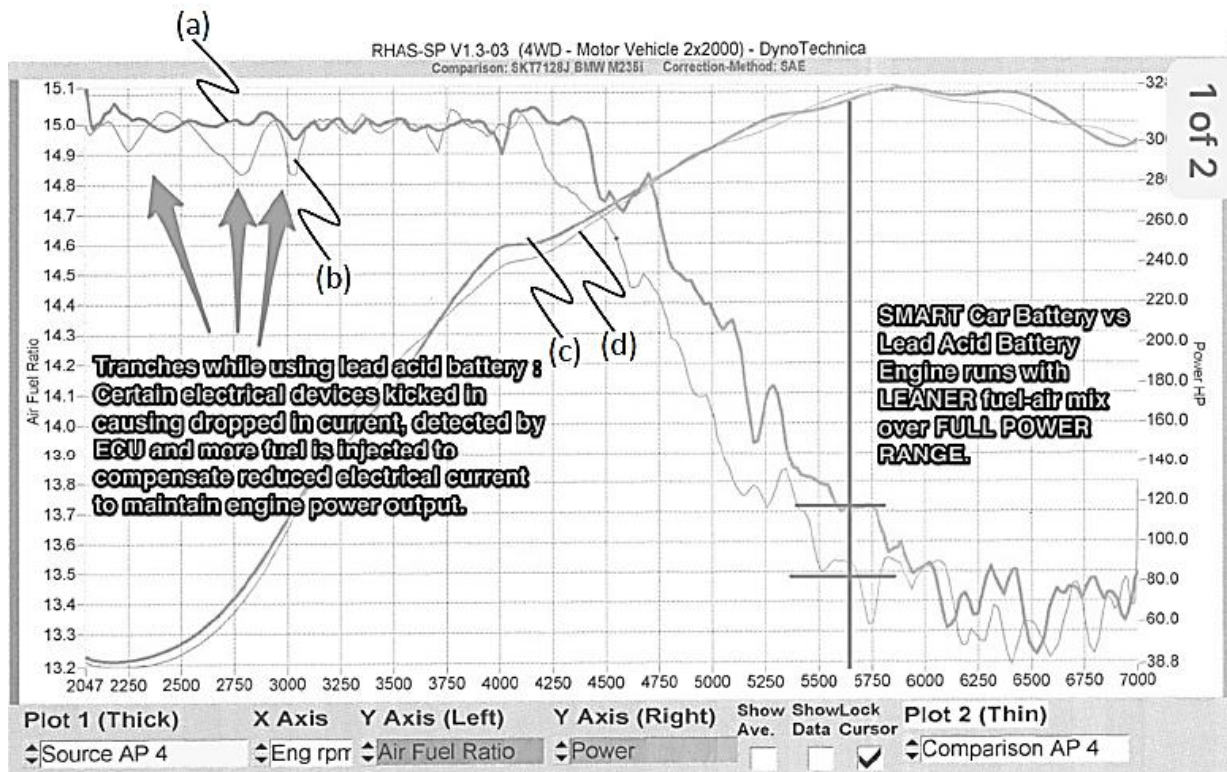


Fig. 12