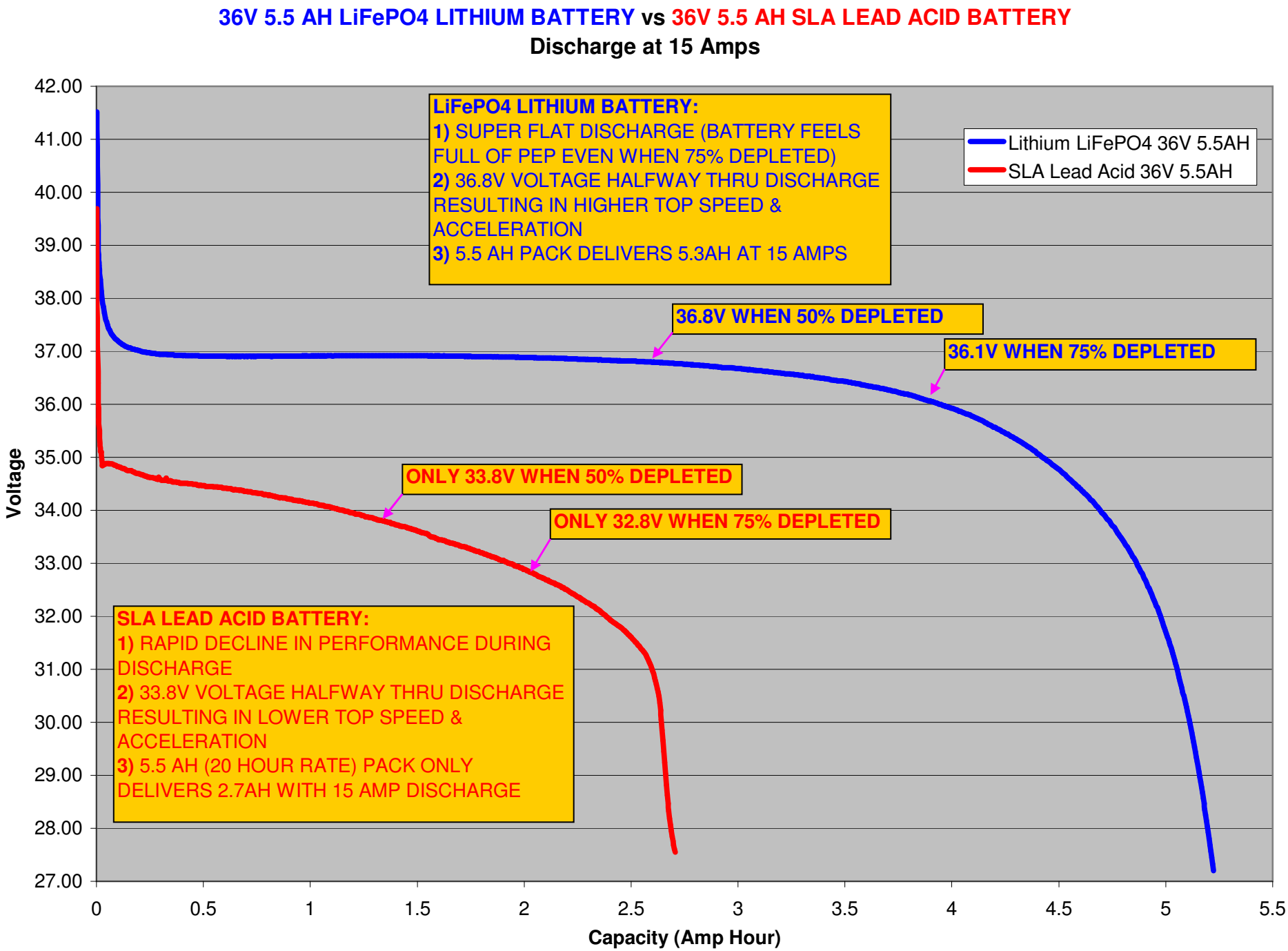
36V 5.5 AH LiFePO4 LITHIUM BATTERY vs 36V 5.5 AH SLA LEAD ACID BATTERY
Discharge at 15 Amps
LiFePO4 LITHIUM BATTERY:
1) SUPER FLAT DISCHARGE (BATTERY FEELS FULL OF PEP EVEN WHEN 75% DEPLETED)
2) 36.8V VOLTAGE HALFWAY THRU DISCHARGE RESULTING IN HIGHER TOP SPEED & ACCELERATION
3) 5.5 AH PACK DELIVERS 5.3AH AT 15 AMPS
Lithium LiFePO4 36V 5.5AH
SLA Lead Acid 36V 5.5AH
36.8V WHEN 50% DEPLETED
36.1V WHEN 75% DEPLETED
ONLY 33.8V WHEN 50% DEPLETED
ONLY 32.8V WHEN 75% DEPLETED
SLA LEAD ACID BATTERY:
1) RAPID DECLINE IN PERFORMANCE DURING DISCHARGE
2) 33.8V VOLTAGE HALFWAY THRU DISCHARGE RESULTING IN LOWER TOP SPEED & ACCELERATION
3) 5.5 AH (20 HOUR RATE) PACK ONLY DELIVERS 2.7AH WITH 15 AMP DISCHARGE
Voltage
42.00
41.00
40.00
39.00
38.00
37.00
36.00
35.00
34.00
33.00
32.00
31.00
30.00
29.00
28.00
27.00
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
5.5
Capacity (Amp Hour)