

| Common Operating Load | Lightning / Ulysses | | Firebolt (twin hi-beam) | |
|---|---------------------|-------|-------------------------|-------|
| Components | Watts | Amps | Watts | Amps |
| Headlights (Hi Beam) | 55 | 4.58 | 110 | 9.16 |
| License Plate lamp | 5 | 0.37 | 0 | 0 |
| Brake +Tail Light (21+5)W | 26 | 2.17 | 26 | 2.17 |
| Instrument Panel | 7 | 0.5 | 7 | 0.5 |
| Computer | 25 | 2.08 | 25 | 2.08 |
| Fuel Pump | 72 | 6 | 72 | 6 |
| Cooling Fan | 72 | 6 | 72 | 6 |
| Electronic Ignition | 50 | 4.18 | 50 | 4.18 |
| Heated Grips | 54 | 4.5 | 54 | 4.5 |
| | | | | |
| Max Operating Load | 312 | 25.88 | 362 | 30.09 |
| Max Operating Load (with heated grips) | 366 | 30.38 | 416 | 34.59 |
| | | | | |
| Alternator @3000 rpm at 13V | | | | |
| Min Specification | 442 | 34 | 442 | 34 |
| Max Specification | 494 | 38 | 494 | 38 |
| | | | | |
| Excess capacity (no heaters) | | | | |
| Min | 130 | 8.12 | 80 | 3.91 |
| Max | 182 | 12.12 | 132 | 7.91 |
| | | | | |
| Excess capacity (with heaters) | | | | |
| Min | 76 | 3.62 | 26 | -0.59 |
| Max | 128 | 7.62 | 78 | 3.41 |
| | | | | |
| Excess capacity (30A Fuse) | | | | |
| Without Heated Grips | 49.44 | 4.12 | -1.08 | -0.09 |
| With Heated Grips | -4.56 | -0.38 | -55.08 | -4.59 |