# Fire Alarm System Secondary Battery-set Calculation Worksheet

| AES Product | Standby Current (Amps) | | QTY | | Total Standby Current (Amps) | Alarm/Transmit Current (Amps) | | QTY | | Total Alarm Current (Amps) |
|---|---|---|---|---|---|---|---|---|---|---|
| 7707P-88-ULP-I | 0.4000 | X | 1 | = | 0.400 | 1.5500 | X | 1 | = | 1.550 |
| | | | | Total System Standyby Current (Amps) | 0.400 | | | | Total System Alarm Current (Amps) | 1.550 |

| | ## Hour Standby Time **** | | Standby Current (Amps) | | Required Standby Capacity (Amp-Hours) | Required Alarm Time (Hours) | | Alarm/Transmit Current (Amps) | | Required Alarm Capacity (Amp-Hours) |
|---|---|---|---|---|---|---|---|---|---|---|
| | 24 | X | 0.400 | = | 9.600 | 1 | X | 1.5500 | = | 1.550 |

| | Required Standby Capacity (Amp-Hours) | | Required Alarm Capacity (Amp-Hours) | | Total Capacity (Amp-Hours) |
|---|---|---|---|---|---|
| | 9.60 | + | 1.550 | = | 11.150 |