| | | | MS-960 | 01 | JDLS B | atte | ry | Calcul | ati | on |
|-------------------------|--------|----------|--------------|-----|-----------|----------|--------|--------------|-------|------------|
| by Honeywell | ondar | | Power Sou | | | | • | | | |
| | Olluar | | andby Currer | | | | | dary Alarm (| 2.177 | ent (omne) |
| Device Type | Qty | | Current Draw | | Total | ŭ. | | Current Drav | | Total |
| Main Circuit Board | | 4 | | | | Qty 1 | | | | |
| DACT-UD2 | 1 | x x | 0.103000 | Ē | 0.103000 | 1 | x x | 0.253000 | = | 0.253000 |
| SLC-2LS Expander Module | 0 | X | 0.017000 | Ē | 0.017000 | 0 | x | 0.029000 | = | 0.029000 |
| 4XTMF | 0 | x | 0.005000 | ╞ | | 0 | x | 0.026000 | = | |
| 4XTMF IPDACT-2 | 0 | X X | | = | | - | _ | 0.136000 | = | |
| IPDACT-2UD | 0 | X X | 0.093000 | Ē | | 0 | X | 0.136000 | = | |
| ANN-BUS Devices | 0 | ^ | 0.090000 | 1~1 | | U | Х | 0.155000 | = | |
| ANN-80(-W) | 2 | . | 0.015000 | | 0.030000 | 2 | | 0.040000 | 1_1 | 0.080000 |
| ANN-80(-W) ANN-LED | 0 | X X | 0.015000 | | 0.030000 | 2 | X | 0.040000 | = | 0.000000 |
| ANN-RLED | 0 | x | 0.028000 | = | | 0 | x x | 0.068000 | = | |
| ANN-RLED | 0 | x | 0.028000 | = | | 0 | X | 0.068000 | = | |
| ANN-I/O | 0 | 1-1- | 0.035000 | = | | 0 | | 0.200000 | - | |
| ANN-5/PG | 0 | X X | 0.035000 | = | | 0 | x x | 0.200000 | = | |
| ANN-5/PG | U | ^ | 0.040000 | | | U | ^ | 0.040000 | = | |
| ACM-8RF | 0 | x | 0.030000 | = | | 0 | x | 0.158000 | = | |
| ACM-16ATF | 0 | x | 0.030000 | = | | 0 | X | 0.056000 | = | |
| ACM-10ATF ACM-32AF | 0 | x | 0.040000 | - | | 0 | X | 0.056000 | = | |
| AEM-16ATF | 0 | x | 0.040000 | = | | 0 | X | 0.056000 | = | |
| AEM-10ATF AEM-32AF | 0 | x | 0.002000 | H | | 0 | X | 0.018000 | | |
| AFM-16ATF | 0 | x | 0.002000 | = | | 0 | X | 0.056000 | = | |
| AFM-16ATF AFM-32AF | 0 | X | 0.040000 | = | | 0 | X | 0.056000 | = | |
| AFM-32AF AFM-16AF | 0 | x | 0.025000 | H | | 0 | x | 0.065000 | = | |
| LDM-32F | 0 | x | 0.025000 | = | | 0 | X | 0.056000 | = | |
| LDM-52F LDM-E32F | 0 | x | 0.040000 | = | | 0 | X | 0.038000 | = | |
| LCD-80F | 0 | x | 0.025000 | ╞ | | 0 | X | 0.064000 | = | |
| Resettable Power | | 1^1 | 0.020000 | 1-1 | | U | ^ | 0.00-000 | 1-1 | |
| 4-wire Detector Heads | 0 | х | 0.000000 | = | | 0 | x | 0.000000 | = | |
| Addressable Devices | | 1^1 | 0.000000 | 1-1 | | U | 1^1 | 0.000000 | 1-1 | |
| BEAM355 | 0 | x | 0.002000 | 1_ | | | | | | |
| BEAM355S | 0 | × | 0.002000 | | | | | | | |
| BEAM1224 | 0 | ^ X | 0.002000 | Ē | | | | | | |
| CP355 | 0 | x | 0.000300 | Ē | | | | | | |
| SD355 | 126 | x | 0.000300 | Ē | 0.037800 | | | | | |
| SD355T | 0 | x | 0.000300 | = | 0.007000 | | | | | |
| AD355 | 0 | x | 0.000300 | = | | | | | | |
| H355 | 6 | x | 0.000300 | = | 0.001800 | | | | | |
| H355R | 0 | x | 0.000300 | = | 0.00.000 | | | | | |
| H355HT | 0 | x | 0.000300 | = | | | | | | |
| D350P | 0 | x | 0.000300 | = | | | | | | |
| D350RP | 0 | x | 0.000300 | = | | | | | | |
| D350PL | 0 | x | 0.000300 | = | | | | | | |
| D350RPL | 0 | x | 0.000300 | = | | | | | | |
| D355PL | 11 | x | 0.000300 | | 0.003300 | | | | | |
| MMF-300 | 2 | x | 0.000400 | ╞ | 0.000800 | | | | | |
| MMF-300-10 | 0 | x | 0.003500 | Ē | 0.0000000 | | | | | |
| MDF-300 | 5 | x | 0.0003000 | Ē | 0.003750 | | | | | |
| MMF-301 | 2 | x | 0.000730 | Ē | 0.000750 | | | | | |
| MMF-302 | 0 | x | 0.000375 | Ē | 0.000700 | | | | | |
| MMF-302-6 | 0 | x | 0.002000 | Ē | | | | | | |
| | 0 | ^ | 0.002000 | | | | | | | |

BG-12LX

=

0.001800

0.000300

<mark>6</mark> x

| CMF-300 | 0 | х | 0.000390 | = | | | | | | |
|-----------------------------------|--|---|-----------|------|---------------|---------|-----|--------------|-----|----------|
| CMF-300-6 | 0 | х | 0.002250 | = | | | | | | |
| CRF-300 | 11 | х | 0.000270 | = | 0.002970 | | | | | |
| CRF-300-6 | 0 | х | 0.001450 | = | | | | | | |
| 1300 | 7 | х | 0.000400 | = | 0.002800 | | | | | |
| B501BH-2 | 0 | х | 0.001000 | = | | | | | | |
| B501BHT-2 | 0 | х | 0.001000 | = | | | | | | |
| B224RB | 0 | х | 0.000500 | = | | | | | | |
| B224BI | 0 | х | 0.000450 | = | | | | | | |
| B200SR | 0 | х | 0.000500 | = | | | | | | |
| CDRM-300 | 0 | х | 0.001300 | = | | | | | | |
| | | | Maximum a | alar | m draw for Ad | ddressa | ble | devices (SLC | 1) | 0.40000 |
| | | | Maximum a | alar | m draw for Ad | ddressa | ble | devices (SLC | 2) | 0.00000 |
| EOLR-1 | 0 | х | 0.020000 | = | | 0 | х | 0.020000 | = | |
| PAM-2 | 1 | х | 0.015000 | = | 0.015000 | 1 | х | 0.000000 | = | 0.000000 |
| DOOR HOLDERS | 5 | х | 0.020000 | = | 0.100000 | 5 | х | 0.000000 | = | 0.000000 |
| CO1224T | 2 | х | 0.020000 | = | 0.040000 | 2 | х | 0.040000 | = | 0.080000 |
| CELLULAR COMMUNICATOR | 1 | х | 0.150000 | = | 0.150000 | 1 | х | 0.300000 | = | 0.300000 |
| Miscellaneous Device 5 | 0 | х | 0.000000 | = | | 0 | х | 0.000000 | = | |
| NAC #1 | | | | | | 1 | х | 1.286000 | = | 1.28600 |
| NAC #2 | | | | | | 1 | х | 1.346000 | = | 1.34600 |
| NAC #3 | | | | | | 1 | х | 0.916000 | = | 0.91600 |
| NAC #4 | | | | | | 0 | х | 0.000000 | = | |
| Current Draw from TB3 (non-alarm) | | | 0.000000 | = | | | | 0.000000 | = | |
| Sum each column for totals | Total Standby Current 0.51077 Total Alarm Curren | | | | | | | | ent | 4.69000 |

FIRE-LITE ALARMS

MS-9600UDLS Battery Calculation

Note: You can edit all current draws and are **fully responsible for verifying** these calculations. Only enter values in **yellow** cells.

| | | Required Standby Time in Hours | | | | | | | |
|-----------------------------|------------------------|--------------------------------|----------------|-------------|-----------|--|--|--|--|
| | | 24 Hours | | | | | | | |
| Standby Load Current (Amps) | 0.511 A | Х | 24 | 24 = 12.258 | | | | | |
| | | Requi | red Alarm Tin | ne i | n Hours | | | | |
| | | | 5 Minu | tes | | | | | |
| Alarm Load Current (Amps) | 4.690 A | Х | 0.084 | 0.394 AH | | | | | |
| | Standby and | d Alarm | Load Subtota | = | 12.652 AH | | | | |
| | | D | erating Factor | = | x 1.2 | | | | |
| | Total Am | pere Ho | ours Required | = | 15.183 AH | | | | |
| | Recommended Batteries: | BA | AT-12180 - 18/ | AH | Batteries | | | | |

| Battery Check | |
|--|--|
| The batteries can be charged by the MS-9600UDLS Charger. | |
| The batteries can be housed in the MS-9600UDLS Cabinet. | |
| | |
| Current Draw Check | |
| NAC#1 current is within the limitations of the circuit. | |
| NAC#2 current is within the limitations of the circuit. | |

NAC#3 current is within the limitations of the circuit. NAC#4 current is within the limitations of the circuit. The standby current is within the limitations of the panel. The alarm current is within output limitations of the panel.

FireLite MS-9600UDLS Control Panel (2.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Protected | Premises: THE SPRINGS OF | BALLEN | TINE | Date: 2/14/23 | | | | | | |
|-----------|--------------------------|----------|---------|---------------------|-----------|----------------------|------------|--|--|--|
| Address: | 40 RAWLS CLUB RD. | | | City: FUQUAY VARINA | | | | | | |
| State: NC | | Zip: | | | Note: FAC | P-NAC 1 | | | | |
| Prepared | By: WARDEN ENTERPRISE | , INC. | | | Phone | : | | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: | YADKINVILLE | | | | |
| State: NC | | Zip: 270 | 55 | | _ | | | | | |
| | | Current | Distanc | e (Feet) | | Circuit Voltage @ Ea | ach Device | | | |
| Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | | | |
| 1 | GEC3-24WW15 | 0.1340 | 31 | 31 | | 20.16 | | | | |
| 2 | GEC3-24WW30 | 0.1520 | 29 | 60 | | 19.95 | | | | |
| 3 | GEC3-24WW15 | 0.1340 | 21 | 81 | | 19.82 | | | | |
| 4 | GES3-24WW15 | 0.0780 | 23 | 104 | | 19.70 | | | | |
| 5 | GES3-24WW15 | 0.0780 | 21 | 125 | | 19.60 | | | | |
| 6 | GEC3-24WW15 | 0.1340 | 32 | 157 | | 19.46 | | | | |
| 7 | GEC3-24WW15 | 0.1340 | 16 | 173 | | 19.40 | | | | |
| 8 | GES3-24WW15 | 0.0780 | 20 | 193 | | 19.35 | | | | |
| 9 | GEC3-24WW15 | 0.1340 | 21 | 214 | | 19.30 | | | | |
| 10 | GEC3-24WW15 | 0.1340 | 26 | 240 | | 19.26 | | | | |
| 11 | GES3-24WW30 | 0.0960 | 17 | 257 | | 19.25 | | | | |
| | Total Current: | 1.2860 | % Volta | ige Drop: | | 5.62 | | | | |
| | | | | | | Go | | | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite MS-9600UDLS Control Panel (2.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Address: 40 RAWLS CLUB RD. Zip: Note: FACP- NAC 2 State: NC Zip: Prepared By: WARDEN ENTERPRISE, INC. Phone: Address: 1013 WARDEN DRIVE City: YADKINVILLE City: YADKINVILLE State: NC Zip: 27055 Circuit Voltage @ Each Device Device # PartNumber Current Between Total 14 AWG 1 GEC3-24WW15 0.1340 26 50 20.02 20.02 3 GEC3-24WW15 0.1340 26 50 20.02 20.02 3 GEC3-24WW75 0.2360 21 71 19.90 24 24 20.20 20.02 | | Premises: <u>THE SPRINGS OF</u> | FBALLEN | TINE | | | Date: 2/14/23 | | | |
|--|------------------|---------------------------------|----------|---------|----------|-------------------------------|---------------|--|--|--|
| Prepared By: WARDEN ENTERPRISE, INC.Phone: City: YADKINVILLEAddress: 1013 WARDEN DRIVECity: YADKINVILLEState: NC Zip: 27055Circuit Voltage @ Each DeviceDevice #PartNumberDistance (Feet)Circuit Voltage @ Each Device1GEC3-24WW750.2360242420.202GEC3-24WW750.1340265020.0220.023GEC3-24WW750.2360217119.9019.824GEC3-24WW750.23603812719.6819.685GEC3-24WW750.23603316019.6019.606GEC3-24WW750.23602418419.5719.576GEC3-24WW750.23602418419.5719.686GEC3-24WW750.23602418419.5710.13407GEC3-24WW750.23602418419.5710.13407GEC3-24WW750.23602418419.5710.13407GEC3-24WW750.23602418419.5710.13407GEC3-24WW750.23602418419.5710.13407GEC3-24WW750.23602418419.5710.13408913.460% Voltage Drop:4.0910.910.1340 | - | | | | | | | | | |
| Address: 1013 WARDEN DRIVECity: YADKINVILLEState: NCCity: 27055Device #PartNumberDistance (Feet)Circuit Voltage @ Each DeviceDevice #PartNumberDistance (Feet)Circuit Voltage @ Each DeviceDevice1GEC3-24WW750.2360242414 AWG2GEC3-24WW150.1340265020.023GEC3-24WW750.2360217119.904GEC3-24WW150.1340188919.825GEC3-24WW150.13403316019.686GEC3-24WW150.13403316019.607GEC3-24WW750.23602418419.576GEC3-24WW750.23602418419.577GEC3-24WW750.23602418419.57 | State: <u>NC</u> | | Zip: | | N | Note: FACP | - NAC 2 | | | |
| State: NC Zip: 2705 Device # PartNumber Distance (Feet) Circuit Voltage @ Each Device Device # PartNumber $14 AWG$ $14 AWG$ $14 AWG$ $14 AWG$ 1 GEC3-24WW75 0.2360 24 24 20.20 20.20 2 GEC3-24WW15 0.1340 26 50 20.02 20.02 3 GEC3-24WW15 0.1340 18 89 19.82 19.82 4 GEC3-24WW15 0.1340 18 89 19.68 19.60 5 GEC3-24WW15 0.1340 33 160 19.60 19.60 6 GEC3-24WW15 0.1340 33 160 19.60 19.60 7 GEC3-24WW15 0.2360 24 184 19.57 19.60 19.60 19.60 6 GEC3-24WW75 0.2360 24 184 19.57 19.60 19.60 19.60 7 GEC3-24WW75 0.2360 24 184 19.57 14.09 14.09 < | Prepared l | By: <u>WARDEN ENTERPRISE</u> | , INC. | | | Phone: | | | | |
| Device #Current (amps)Distance (Feet)Circuit Voltage @ Each DeviceDevice #PartNumberTotalId AWGId AWG1GEC3-24WW750.236024242420.202GEC3-24WW150.1340265020.2020.203GEC3-24WW750.236021711019.904GEC3-24WW150.1340188919.8219.825GEC3-24WW750.23603812719.6819.686GEC3-24WW150.13403316019.6019.577GEC3-24WW750.23602418419.5719.576GEC3-24WW750.23602418419.5719.577GEC3-24WW750.23602418419.5719.577GEC3-24WW750.23602418419.5719.577GEC3-24WW750.23602418419.5719.577GEC3-24WW750.23602418419.5719.57813460% Voltage Drop:4.0919.5710.53913460134619.5710.5410.5410.569134601346019.5710.5410.559134601346019.5710.5410.5591414.0914.0910.5610.569151515151616 | Address: 1 | 1013 WARDEN DRIVE | | | | City: Y | ADKINVILLE | | | |
| Device # PartNumber Edition (amps) Between Total Id AWG 1 GEC3-24WW75 0.2360 24 24 24 20.20 2 GEC3-24WW15 0.1340 26 50 20.02 20.02 3 GEC3-24WW75 0.2360 21 71 20.02 19.90 4 GEC3-24WW15 0.1340 18 89 20.21 19.82 5 GEC3-24WW15 0.1340 18 89 20.02 19.82 6 GEC3-24WW15 0.1340 18 89 20.21 19.68 6 GEC3-24WW15 0.1340 33 160 19.60 19.60 7 GEC3-24WW15 0.1340 33 160 19.60 19.60 7 GEC3-24WW75 0.2360 24 184 10 19.57 7 GEC3-24WW75 0.2360 24 184 10 19.57 7 GEC3-24WW75 0.2360 24 | State: NC | | Zip: 270 | 55 | | | | | | |
| Device # PartNumber Image: PartNumber Between Fotal Fotal Image: PartNumber Fotal Fotal< | | | | Distanc | e (Feet) | Circuit Voltage @ Each Device | | | | |
| 2 GEC3-24WW15 0.1340 26 50 20.02 3 GEC3-24WW75 0.2360 21 71 19.90 4 GEC3-24WW15 0.1340 18 89 19.82 5 GEC3-24WW75 0.2360 38 127 19.68 6 GEC3-24WW15 0.1340 33 160 19.60 7 GEC3-24WW75 0.2360 24 184 19.57 7 GEC3-24WW75 0.2360 24 184 4.09 7 GEC3-24WW75 0.2360 24 184 19.57 | Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | | |
| 3 GEC3-24WW75 0.2360 21 71 19.90 4 GEC3-24WW15 0.1340 18 89 19.82 5 GEC3-24WW75 0.2360 38 127 19.68 6 GEC3-24WW15 0.1340 33 160 19.60 7 GEC3-24WW75 0.2360 24 184 19.57 7 GEC3-24WW75 0.2360 24 184 19.57 Total Current: 1.3460 % Voltage Drop: 4.09 | 1 | GEC3-24WW75 | 0.2360 | 24 | 24 | | 20.20 | | | |
| 4 GEC3-24WW15 0.1340 18 89 19.82 5 GEC3-24WW75 0.2360 38 127 19.68 6 GEC3-24WW15 0.1340 33 160 19.60 7 GEC3-24WW75 0.2360 24 184 19.57 Total Current: 1.3460 % Voltage Drop: 4.09 | 2 | GEC3-24WW15 | 0.1340 | 26 | 50 | | 20.02 | | | |
| 5 GEC3-24WW75 0.2360 38 127 19.68 6 GEC3-24WW15 0.1340 33 160 19.60 7 GEC3-24WW75 0.2360 24 184 19.57 Total Current: 1.3460 % Voltage Drop: 4.09 | 3 | | | | | | | | | |
| 6 GEC3-24WW15 0.1340 33 160 19.60 7 GEC3-24WW75 0.2360 24 184 19.57 Total Current: 1.3460 % Voltage Drop: 4.09 | | | | | | | | | | |
| 7 GEC3-24WW75 0.2360 24 184 19.57 Total Current: 1.3460 % Voltage Drop: 4.09 | | | | | | | | | | |
| Total Current: 1.3460 % Voltage Drop: 4.09 | | | | | | | | | | |
| | 7 | GEC3-24WW75 | 0.2360 | 24 | 184 | | 19.57 | | | |
| | | Total Current: | 1.3460 | % Volta | ge Drop: | | 4.09 | | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite MS-9600UDLS Control Panel (2.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Protected | Premises: THE SPRINGS OI | F BALLEN | | Date: 2/14/23 | | | | | |
|-----------|--------------------------|-----------------|---------|---------------|-----------|-------------|-------------|-----------|--|
| Address: | 40 RAWLS CLUB RD. | | | | City: | FUQUAY | VARINA | | |
| State: NC | 1 / | Zip: | | | Note: FAC | CP-NAC 3 | | | |
| Prepared | By: WARDEN ENTERPRISE | , INC. | | | Phone | : | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: | YADKINV | ILLE | | |
| State: NC | | Zip: <u>270</u> | 55 | | _ | | | | |
| | | Current | | | | Circuit Vol | tage @ Ea | ch Device | |
| Device # | PartNumber | (amps) | Between | Total | | | 14 AWG | | |
| 1 | GEC3-24WW75 | 0.2360 | 103 | 103 | | | 19.82 | | |
| 2 | GES3-24WW15 | 0.0780 | 28 | 131 | | | 19.70 | | |
| 3 | GES3-24WW15 | 0.0780 | 10 | 141 | | | 19.67 | | |
| 4 | GES3-24WW15 | 0.0780 | 28 | 169 | | | 19.58 | | |
| 5 | GES3-24WW15 | 0.0780 | 38 | 207 | | | 19.47 | | |
| 6 | GES3-24WW15 | 0.0780 | 10 | 217 | | | 19.45 | | |
| 7 | GES3-24WW15 | 0.0780 | 23 | 240 | | | 19.41 | | |
| 8 | GES3-24WW15 | 0.0780 | 33 | 273 | | | 19.37 | | |
| 9 | GEC3-24WW15 | 0.1340 | 20 | 293 | | | 19.35 | | |
| | Total Current: | 0.9160 | | age Drop: | | | 5.15 Go | | |
| | | | | | | | | | |

Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

| | | F | PS#1 F | P S | SE-10 E | Batte | ery | / Calc | ul | ation | | | |
|---|-----|-----|---------------------|------------|---------|-------|------|------------|----|--------|--|--|--|
| Secondary Power Source Requirements | | | | | | | | | | | | | |
| Standby Current (amps) Secondary Alarm Current (amps) | | | | | | | | | | | | | |
| Device Type | Qty | | Current Draw | | Total | Qty | С | urrent Dra | W | Total | | | |
| Main Circuit Board | | | | | | | | | | | | | |
| Choose EOLR used \downarrow | | | | | | | | | | | | | |
| 4.7k | 1 | Х | 0.1560 | = | 0.1560 | 1 | Х | 0.1850 | = | 0.1850 | | | |
| Main Circuit Board with | | | | | | | | | | | | | |
| ZNAC-PS Class A card | 0 | Х | 0.1490 | = | 0.0000 | 0 | Х | 0.1590 | = | 0.0000 | | | |
| NAC / Output # 1 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 2.0600 | = | 2.0600 | | | |
| NAC / Output # 2 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.6300 | = | 1.6300 | | | |
| NAC / Output # 3 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.3620 | = | 1.3620 | | | |
| NAC / Output # 4 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.0700 | = | 1.0700 | | | |
| NAC / Output # 5 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 0.0000 | = | 0.0000 | | | |
| NAC / Output # 6 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 0.0000 | = | 0.0000 | | | |
| NAC / Output # 7 | 1 | Х | 0.0000 | Ξ | 0.0000 | 1 | Х | 0.0000 | = | 0.0000 | | | |
| | То | tal | Standby Loa | d | 0.1560 | Tota | al / | Alarm Loa | ad | 6.3070 | | | |

| | PSE-10 Batter | | alculatio | or | | |
|---|-------------------------------|-----------|-------------|-----|--------------|--|
| Note 1: You are fully responsible fo | | ns. | | | | |
| Note 2: You only need to make entrie | es in the yellow cells | | | | | |
| Ca | alculation in Total She | et | | | | |
| | | Requ | ired Standb | уT | ime in Hours | |
| | | | 24 Ho | our | S | |
| Standby Load Current (Amps) | 0.1560 Amps | Х | 24 | = | 3.744 AH | |
| | | Req | uired Alarm | Ti | me in Hours | |
| | • | 5 Minutes | | | | |
| Alarm Load Current (Amps) | 6.3070 Amps | Х | 0.084 | = | 0.530 AH | |
| | | Total | Current Loa | nd | 4.27 AH | |
| | | | | | | |
| *Mu | Itiply by the Derating Factor | | 1.2 | = | x 1.20 | |
| | Total Amper | e Hour | s Required | | 5.13 AH | |

| Recommended Batteries: | BAT-1270 - 7AH Batteries |
|------------------------|--------------------------|
| | |

* Derating Factor required to compensate for the non-linear discharge characteristic of a battery.

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| | Premises: <u>THE SPRINGS OF</u> | BALLEN | TINE | | | Date: 2/14/23 | | | | | |
|-----------|---------------------------------|----------|--|-----------|---------------------------------|---------------|--|--|--|--|--|
| Address: | 40 RAWLS CLUB RD. | | | | City: FU | QUAY VARINA | | | | | |
| State: NC | 1 | Zip: | Zip: Note: POWER SUPPLY 1- NAC 1 | | | | | | | | |
| Prepared | By: <u>WARDEN ENTERPRISE</u> | , INC. | | | Phone: | | | | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: YA | DKINVILLE | | | | | |
| State: NC | x | Zip: 270 | 55 | | | | | | | | |
| | | Current | Distanc | e (Feet) | (Feet) Circuit Voltage @ Each D | | | | | | |
| Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | | | | |
| 1 | GEC3-24WW30 | 0.1520 | 39 | 39 | | 19.91 | | | | | |
| 2 | GEC3-24WW15 | 0.1340 | 21 | 60 | | 19.66 | | | | | |
| 3 | GEC3-24WW15 | 0.1340 | 10 | 70 | | 19.55 | | | | | |
| 4 | GEC3-24WW75 | 0.2360 | 42 | 112 | | 19.13 | | | | | |
| 5 | GEC3-24WW30 | 0.1520 | 32 | 144 | | 18.85 | | | | | |
| 6 | GEC3-24WW15 | 0.1340 | 30 | 174 | | 18.62 | | | | | |
| 7 | GEC3-24WW15 | 0.1340 | 24 | 198 | | 18.46 | | | | | |
| 8 | GEC3-24WW30 | 0.1520 | 15 | 213 | | 18.37 | | | | | |
| 9 | GEC3-24WW30 | 0.1520 | 27 | 240 | | 18.23 | | | | | |
| 10 | GES3-24WW15 | 0.0780 | 32 | 272 | | 18.10 | | | | | |
| 11 | GES3-24WW15 | 0.0780 | 33 | 305 | | 17.97 | | | | | |
| 12 | GES3-24WW15 | 0.0780 | 10 | 315 | | 17.94 | | | | | |
| 13 | GEC3-24WW15 | 0.1340 | 30 | 345 | | 17.86 | | | | | |
| 14 | GES3-24WW15 | 0.0780 | 13 | 358 | | 17.83 | | | | | |
| 15 | GES3-24WW15 | 0.0780 | 16 | 374 | | 17.81 | | | | | |
| 16 | GES3-24WW15 | 0.0780 | 33 | 407 | | 17.78 | | | | | |
| 17 | GES3-24WW15 | 0.0780 | 10 | 417 | | 17.77 | | | | | |
| | Total Current: | 2.0600 | % Volta | ige Drop: | | 12.87 | | | | | |
| | | | | | | Go | | | | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| | Premises: THE SPRINGS OF | F BALLEN | TINE | | | Date: 2/14/23 | | | | |
|------------|--------------------------|----------|---------------------|----------|-----------------------------|------------------------|-----|--|--|--|
| Address: 4 | 40 RAWLS CLUB RD. | | City: FUQUAY VARINA | | | | | | | |
| State: NC | | Zip: | | I | Note: POWER SUPPLY 1- NAC 2 | | | | | |
| Prepared I | By: WARDEN ENTERPRISE | , INC. | | | Phone: | | | | | |
| Address: 1 | 1013 WARDEN DRIVE | | | | City: YA | DKINVILLE | | | | |
| State: NC | | Zip: 270 | 55 | | | | | | | |
| | | Current | Distanc | e (Feet) | Circ | uit Voltage @ Each Dev | ice | | | |
| Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | | | |
| 1 | WGEC24-75WW | 0.2360 | 58 | 58 | | 19.82 | | | | |
| 2 | GEC3-24WW15 | 0.1340 | 58 | 116 | | 19.32 | | | | |
| 3 | GES3-24WW15 | 0.0780 | 19 | 135 | | 19.18 | | | | |
| 4 | GES3-24WW15 | 0.0780 | 16 | 151 | | 19.06 | | | | |
| 5 | GES3-24WW15 | 0.0780 | 25 | 176 | | 18.89 | | | | |
| 6 | GEC3-24WW15 | 0.1340 | 20 | 196 | | 18.76 | | | | |
| 7 | GES3-24WW15 | 0.0780 | 11 | 207 | | 18.70 | | | | |
| 8 | GEC3-24WW15 | 0.1340 | 27 | 234 | | 18.57 | | | | |
| 9 | GES3-24WW15 | 0.0780 | 10 | 244 | | 18.53 | | | | |
| 10 | GES3-24WW15 | 0.0780 | 16 | 260 | | 18.47 | | | | |
| 11 | GEC3-24WW15 | 0.1340 | 38 | 298 | | 18.35 | | | | |
| 12 | GES3-24WW15 | 0.0780 | 17 | 315 | | 18.31 | | | | |
| 13 | GES3-24WW15 | 0.0780 | 33 | 348 | | 18.24 | | | | |
| 14 | GES3-24WW15 | 0.0780 | 10 | 358 | | 18.23 | | | | |
| 15 | GES3-24WW15 | 0.0780 | 36 | 394 | | 18.19 | | | | |
| 16 | GES3-24WW15 | 0.0780 | 10 | 404 | | 18.19 | | | | |
| | Total Current: | 1.6300 | % Volta | ge Drop: | | 10.84 | | | | |
| | | | | | | Go | | | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Protected | Premises: THE SPRINGS OF | | Date: 2/14/23 | ; | | | | | |
|----------------------------|------------------------------|-----------------|---------------|---------------------|----------------|---------------------------|-----|--|--|
| Address: 40 RAWLS CLUB RD. | | | | City: FUQUAY VARINA | | | | | |
| State: NC Zip: | | | | | Note: POWER SU | PPLY 1- NA | C 3 | | |
| Prepared | By: <u>WARDEN ENTERPRISE</u> | , INC. | | | Phone: | | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: YADK | INVILLE | | | |
| State: NC | 1 | Zip: <u>270</u> | Zip: 27055 | | | | | | |
| | | Current | | | Circuit | iit Voltage @ Each Device | | | |
| Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | | |
| 1 | GES3-24WW15 | 0.0780 | 118 | 118 | | 19.41 | | | |
| 2 | GES3-24WW15 | 0.0780 | 10 | 128 | | 19.33 | | | |
| 3 | GES3-24WW15 | 0.0780 | 36 | 164 | | 19.07 | | | |
| 4 | GES3-24WW15 | 0.0780 | 10 | 174 | | 19.00 | | | |
| 5 | WGEC24-75WW | 0.2360 | 31 | 205 | | 18.80 | | | |
| 6 | GES3-24WW15 | 0.0780 | 36 | 241 | | 18.62 | | | |
| 7 | GES3-24WW15 | 0.0780 | 10 | 251 | | 18.57 | | | |
| 8 | GES3-24WW15 | 0.0780 | 33 | 284 | | 18.44 | | | |
| 9 | GES3-24WW15 | 0.0780 | 30 | 314 | | 18.33 | | | |
| 10 | GEC3-24WW15 | 0.1340 | 15 | 329 | | 18.29 | | | |
| 11 | GES3-24WW15 | 0.0780 | 10 | 339 | | 18.26 | | | |
| 12 | GES3-24WW15 | 0.0780 | 30 | 369 | | 18.21 | | | |
| 13 | GES3-24WW15 | 0.0780 | 16 | 385 | | 18.19 | | | |
| 14 | GEC3-24WW15 | 0.1340 | 10 | 395 | | 18.18 | | | |
| | Total Current: | 1.3620 | % Volta | ige Drop: | | 10.87 | | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Protected | Premises: THE SPRINGS OF | Ι | Date: 2/14/23 | 1 | | | | | |
|----------------|----------------------------|----------|---------------|----------|-----------------|---------------------|-----------|--|--|
| Address: | Address: 40 RAWLS CLUB RD. | | | | | City: FUQUAY VARINA | | | |
| State: NC Zip: | | | | | Note: POWER SUI | PPLY 1- NAG | C 4 | | |
| Prepared | By: WARDEN ENTERPRISE | , INC. | | | Phone: | | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: YADKI | NVILLE | | | |
| State: NC | 1 | Zip: 270 | 55 | | | | | | |
| | | Current | Distanc | e (Feet) | Circuit V | oltage @ Eac | ch Device | | |
| Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | | |
| 1 | GES3-24WW15 | 0.0780 | 150 | 150 | | 19.41 | | | |
| 2 | GES3-24WW15 | 0.0780 | 10 | 160 | | 19.35 | | | |
| 3 | GES3-24WW15 | 0.0780 | 38 | 198 | | 19.14 | | | |
| 4 | GES3-24WW15 | 0.0780 | 32 | 230 | | 18.98 | | | |
| 5 | GES3-24WW15 | 0.0780 | 10 | 240 | | 18.93 | | | |
| 6 | GES3-24WW15 | 0.0780 | 38 | 278 | | 18.77 | | | |
| 7 | GES3-24WW15 | 0.0780 | 32 | 310 | | 18.65 | | | |
| 8 | GES3-24WW15 | 0.0780 | 10 | 320 | | 18.62 | | | |
| 9 | GES3-24WW15 | 0.0780 | 22 | 342 | | 18.56 | | | |
| 10 | GEC3-24WW15 | 0.1340 | 29 | 371 | | 18.49 | | | |
| 11 | GES3-24WW15 | 0.0780 | 14 | 385 | | 18.47 | | | |
| 12 | GES3-24WW15 | 0.0780 | 23 | 408 | | 18.45 | | | |
| 13 | GES3-24WW15 | 0.0780 | 19 | 427 | | 18.44 | | | |
| | Total Current: | 1.0700 | % Volta | ge Drop: | | 9.59 | | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

| | | F | PS#2 F | 20 | SE-10 E | Batte | ery | / Calc | ul | ation | | |
|-------------------------------------|-----|-----|---------------------|-----|---------|-------|------|------------|----|----------------|--|--|
| Secondary Power Source Requirements | | | | | | | | | | | | |
| | | Sta | andby Current | (ar | nps) | Sec | ond | lary Alarm | Cu | Current (amps) | | |
| Device Type | Qty | | Current Draw | | Total | Qty | С | urrent Dra | W | Total | | |
| Main Circuit Board | | | | | | | | | | | | |
| Choose EOLR used \downarrow | | | | | | | | | | | | |
| 4.7k | 1 | Х | 0.1560 | = | 0.1560 | 1 | Х | 0.1850 | = | 0.1850 | | |
| Main Circuit Board with | | | | | | | | | | | | |
| ZNAC-PS Class A card | 0 | Х | 0.1490 | = | 0.0000 | 0 | Х | 0.1590 | = | 0.0000 | | |
| NAC / Output # 1 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.6340 | = | 1.6340 | | |
| NAC / Output # 2 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.4380 | = | 1.4380 | | |
| NAC / Output # 3 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.2040 | Π | 1.2040 | | |
| NAC / Output # 4 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.2060 | = | 1.2060 | | |
| NAC / Output # 5 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 1.4740 | = | 1.4740 | | |
| NAC / Output # 6 | 1 | Х | 0.0000 | = | 0.0000 | 1 | Х | 0.0000 | Ξ | 0.0000 | | |
| NAC / Output # 7 | 1 | Х | 0.0000 | Π | 0.0000 | 1 | Х | 0.0000 | = | 0.0000 | | |
| | То | tal | Standby Loa | d | 0.1560 | Tota | al A | Alarm Loa | ad | 7.1410 | | |

| Note 1: You are fully responsible fo | PSE-10 Batter r verifying these calculatio | | alculatio | or | 1 |
|---|---|-----------|-------------|--------|--------------|
| Note 2: You only need to make entrie | | | | | |
| Ca | alculation in Total She | et | | | |
| | | Requ | ired Standb | уT | ime in Hours |
| | | | 24 H | our | s |
| Standby Load Current (Amps) | 0.1560 Amps | Х | 24 | = | 3.744 AH |
| | | Req | uired Alarm | Ti | me in Hours |
| | | 5 Minutes | | | |
| Alarm Load Current (Amps) | 7.1410 Amps | Х | 0.084 | = | 0.600 AH |
| | | Total | Current Loa | ad | 4.34 AH |
| | | | | | |
| *Mu | | 1.2 | = | x 1.20 | |
| | Total Amper | e Hour | s Required | | 5.21 AH |

| Recommended Batteries: | BAT-1270 - 7AH Batteries |
|------------------------|--------------------------|
|------------------------|--------------------------|

* Derating Factor required to compensate for the non-linear discharge characteristic of a battery.

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Protected Premises: THE SPRINGS OF BALLENTINE | | | | | | Date | : 2/14/23 | 6 | |
|---|------------------------------|-----------------|---------------------|-----------|-----------|---------------|-----------|-----------|--|
| Address: | 40 RAWLS CLUB RD. | | City: FUQUAY VARINA | | | | | | |
| State: NO | 2 | Zip: | | | Note: POV | VER SUPPL | Y 2- NA | C 1 | |
| Prepared | By: <u>WARDEN ENTERPRISE</u> | , INC. | | | Phone: | | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: | YADKINVI | LLE | | |
| State: NC | | Zip: <u>270</u> | 55 | | | | | | |
| | | Current | Distanc | e (Feet) | | Circuit Volta | age @ Ea | ch Device | |
| Device # | PartNumber | (amps) | Between | Total | | 1 | 4 AWG | | |
| 1 | GEC3-24WW15 | 0.1340 | 40 | 40 | | | 20.00 | | |
| 2 | WGEC24-75WW | 0.2360 | 29 | 69 | | | 19.73 | | |
| 3 | GEC3-24WW15 | 0.1340 | 29 | 98 | | | 19.51 | | |
| 4 | GEC3-24WW15 | 0.1340 | 10 | 108 | | | 19.44 | | |
| 5 | GEC3-24WW75 | 0.2360 | 39 | 147 | | | 19.20 | | |
| 6 | GEC3-24WW15 | 0.1340 | 41 | 188 | | | 19.01 | | |
| 7 | GES3-24WW15 | 0.0780 | 15 | 203 | | | 18.95 | | |
| 8 | GES3-24WW15 | 0.0780 | 32 | 235 | | | 18.84 | | |
| 9 | WGEC24-75WW | 0.2360 | 21 | 256 | | | 18.78 | | |
| 10 | GES3-24WW15 | 0.0780 | 21 | 277 | | | 18.75 | | |
| 11 | GES3-24WW15 | 0.0780 | 33 | 310 | | | 18.72 | | |
| 12 | GES3-24WW15 | 0.0780 | 16 | 326 | | | 18.71 | | |
| | Total Current: | 1.6340 | % Volta | age Drop: | | | 8.27 | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| | Premises: THE SPRINGS OF | BALLEN | TINE | | | Date: 2/14/23 | | |
|----------------|--------------------------|---------------|---------|---------------------|-----------------------------|-------------------------------|--|--|
| Address: | 40 RAWLS CLUB RD. | | | City: FUQUAY VARINA | | | | |
| State: NC Zip: | | | | 1 | Note: POWER SUPPLY 2- NAC 2 | | | |
| Prepared 2 | By: WARDEN ENTERPRISE | , INC. | | | Phone: | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: Y | ADKINVILLE | | |
| State: NC | 1 , | Zip: 270 | 55 | | | | | |
| | | Current Dista | | Distance (Feet) | | Circuit Voltage @ Each Device | | |
| Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | |
| 1 | GEC3-24WW15 | 0.1340 | 19 | 19 | | 20.23 | | |
| 2 | GES3-24WW15 | 0.0780 | 20 | 39 | | 20.07 | | |
| 3 | GES3-24WW15 | 0.0780 | 32 | 71 | | 19.83 | | |
| 4 | GES3-24WW15 | 0.0780 | 10 | 81 | | 19.76 | | |
| 5 | GES3-24WW15 | 0.0780 | 33 | 114 | | 19.54 | | |
| 6 | GES3-24WW15 | 0.0780 | 16 | 130 | | 19.45 | | |
| 7 | GES3-24WW15 | 0.0780 | 32 | 162 | | 19.27 | | |
| 8 | GES3-24WW15 | 0.0780 | 10 | 172 | | 19.22 | | |
| 9 | GES3-24WW15 | 0.0780 | 33 | 205 | | 19.06 | | |
| 10 | GES3-24WW15 | 0.0780 | 16 | 221 | | 19.00 | | |
| 11 | GEC3-24WW15 | 0.1340 | 13 | 234 | | 18.95 | | |
| 12 | GES3-24WW15 | 0.0780 | 30 | 264 | | 18.86 | | |
| 13 | GES3-24WW15 | 0.0780 | 10 | 274 | | 18.84 | | |
| 14 | GES3-24WW15 | 0.0780 | 33 | 307 | | 18.77 | | |
| 15 | GES3-24WW15 | 0.0780 | 16 | 323 | | 18.75 | | |
| 16 | GES3-24WW15 | 0.0780 | 32 | 355 | | 18.72 | | |
| 17 | GES3-24WW15 | 0.0780 | 10 | 365 | | 18.72 | | |
| | Total Current: | 1.4380 | % Volta | ge Drop: | | 8.26 | | |
| | | | | | | Go | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| | Premises: THE SPRINGS OF | BALLEN | TINE | | | 2/14/23 | | | | |
|-----------|--------------------------|---------------------|--|-----------|-----------------|------------------|--|--|--|--|
| Address: | 40 RAWLS CLUB RD. | City: FUQUAY VARINA | | | | | | | | |
| State: NC | | Zip: | Zip: Note: POWER SUPPLY 2- NAC 3 | | | | | | | |
| Prepared | By: WARDEN ENTERPRISE | , INC. | | | Phone: | | | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: YADKINVII | LLE | | | | |
| State: NC | 1 / | Zip: 270 | 55 | | | | | | | |
| | | Current | Distanc | e (Feet) | Circuit Volta | ge @ Each Device | | | | |
| Device # | PartNumber | (amps) | Between | Total | 14 | 4 AWG | | | | |
| 1 | GES3-24WW15 | 0.0780 | 121 | 121 | | 19.51 | | | | |
| 2 | GEC3-24WW15 | 0.1340 | 13 | 134 | | 19.42 | | | | |
| 3 | GES3-24WW15 | 0.0780 | 13 | 147 | | 19.34 | | | | |
| 4 | GES3-24WW15 | 0.0780 | 32 | 179 | | 19.16 | | | | |
| 5 | GES3-24WW15 | 0.0780 | 10 | 189 | | 19.11 | | | | |
| 6 | GES3-24WW15 | 0.0780 | 33 | 222 | | 18.95 | | | | |
| 7 | GES3-24WW15 | 0.0780 | 16 | 238 | | 18.89 | | | | |
| 8 | GES3-24WW15 | 0.0780 | 32 | 270 | | 18.77 | | | | |
| 9 | GES3-24WW15 | 0.0780 | 10 | 280 | | 18.73 | | | | |
| 10 | GES3-24WW15 | 0.0780 | 33 | 313 | | 18.64 | | | | |
| 11 | GEC3-24WW15 | 0.1340 | 16 | 329 | | 18.61 | | | | |
| 12 | GES3-24WW15 | 0.0780 | 32 | 361 | | 18.56 | | | | |
| 13 | GES3-24WW15 | 0.0780 | 10 | 371 | | 18.55 | | | | |
| 14 | GES3-24WW15 | 0.0780 | 33 | 404 | | 18.54 | | | | |
| | Total Current: | 1.2040 | % Volta | age Drop: | | 9.13 | | | | |
| | | | | | | Go | | | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Protected | Premises: THE SPRINGS OF | | Date: 2/14/23 | | | | | |
|-----------|---------------------------------------|-----------------|---------------|-----------|---------------------|-------------------------------|-----|--|
| Address: | 40 RAWLS CLUB RD. | | | | City: FUQUAY VARINA | | | |
| State: NC | · · · · · · · · · · · · · · · · · · · | Zip: | | | Note: POWER SU | PPLY 2- NAC | C 4 | |
| Prepared | By: WARDEN ENTERPRISE | , INC. | | | Phone: | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: YADK | INVILLE | | |
| State: NC | | Zip: <u>270</u> | 55 | | | | | |
| | | Current | Distanc | e (Feet) | Circuit | Circuit Voltage @ Each Device | | |
| Device # | PartNumber | (amps) | Between | Total | | 14 AWG | | |
| 1 | GES3-24WW15 | 0.0780 | 136 | 136 | | 19.39 | | |
| 2 | GES3-24WW15 | 0.0780 | 10 | 146 | | 19.32 | | |
| 3 | GES3-24WW15 | 0.0780 | 32 | 178 | | 19.12 | | |
| 4 | GES3-24WW15 | 0.0780 | 16 | 194 | | 19.02 | | |
| 5 | GEC3-24WW15 | 0.1340 | 27 | 221 | | 18.87 | | |
| 6 | GES3-24WW15 | 0.0780 | 13 | 234 | | 18.81 | | |
| 7 | GES3-24WW15 | 0.0780 | 22 | 256 | | 18.72 | | |
| 8 | GES3-24WW15 | 0.0780 | 16 | 272 | | 18.66 | | |
| 9 | GEC3-24WW15 | 0.1340 | 24 | 296 | | 18.58 | | |
| 10 | WGEC24-75WW | 0.2360 | 42 | 338 | | 18.48 | | |
| 11 | GES3-24WW15 | 0.0780 | 24 | 362 | | 18.46 | | |
| 12 | GES3-24WW15 | 0.0780 | 10 | 372 | | 18.46 | | |
| | Total Current: | 1.2060 | % Volta | ige Drop: | | 9.53 | | |
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Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge

FireLite FCPS-24FS6 & FS8 Power Supply (3.0-amp circuit)

Source Voltage: 20.40 VDC Low Battery

| Protected | Premises: THE SPRINGS OF | Date: 2/14/23 | | | | | | |
|-----------|--------------------------|---------------|---------|---------------------|-------------------------------|----------------------|--|--|
| Address: | 40 RAWLS CLUB RD. | | | City: FUQUAY VARINA | | | | |
| State: NC | | Zip: | | | Note: POWER SUPPLY 2- NAC 5 | | | |
| Prepared | By: WARDEN ENTERPRISE | , INC. | | | Phone: | | | |
| Address: | 1013 WARDEN DRIVE | | | | City: YADKINVILLE | | | |
| State: NO | 2 | Zip: 270 | 55 | | | | | |
| | | Current | Distanc | e (Feet) | Circuit Voltage @ Each Device | oltage @ Each Device | | |
| Device # | PartNumber | (amps) | Between | Total | 14 AWG | | | |
| 1 | GES3-24WW15 | 0.0780 | 196 | 196 | 18.63 | | | |
| 2 | GES3-24WW15 | 0.0780 | 10 | 206 | 18.54 | | | |
| 3 | GES3-24WW15 | 0.0780 | 33 | 239 | 18.27 | | | |
| 4 | GES3-24WW15 | 0.0780 | 16 | 255 | 18.15 | | | |
| 5 | GES3-24WW15 | 0.0780 | 33 | 288 | 17.92 | | | |
| 6 | GES3-24WW15 | 0.0780 | 10 | 298 | 17.85 | | | |
| 7 | GEC3-24WW15 | 0.1340 | 30 | 328 | 17.66 | | | |
| 8 | GES3-24WW15 | 0.0780 | 13 | 341 | 17.59 | | | |
| 9 | GEC3-24WW15 | 0.1340 | 27 | 368 | 17.46 | | | |
| 10 | GES3-24WW15 | 0.0780 | 12 | 380 | 17.41 | | | |
| 11 | GEC3-24WW15 | 0.1340 | 37 | 417 | 17.28 | | | |
| 12 | GES3-24WW15 | 0.0780 | 16 | 433 | 17.24 | | | |
| 13 | WGEC24-75WW | 0.2360 | 43 | 476 | 17.14 | | | |
| 14 | GEC3-24WW15 | 0.1340 | 27 | 503 | 17.12 | | | |
| | Total Current: | 1.4740 | % Volta | ige Drop: | : 16.09 | | | |
| | Total Current: | 1.4740 | % Volta | ige Drop: | : <u>16.09</u> <u>Go</u> | | | |

Strikethrough indicates a value below the device's minimum voltage at indicated location and wire gauge