



The following tables are focused versions of the data listed in, the physical / PDF version of the ATEvo O&SI manuals (Section 4.1.2), or the online *Manula* (Section 6.1.2).

It is accurate to firmware version (2.7.4), dated (2021-11). For earlier versions, contact factory.

24Vdc ATEvo Set Points & Defaults

| Parameter | Low Range Set Point | High Range Set Point | Nominal (default) | Units |
|---|---------------------|----------------------|-------------------|-------------|
| Float Voltage | 22.00 | 29.50 | 26.00 | Volts |
| Equalize Voltage | 23.40 | 32.00 | 28.00 | Volts |
| Current Limit | 50% rating | 110% rating | 110% rating | Amperes |
| Equalize Time | 0 disabled | 255 | 24 | hours |
| * High DC Voltage Alarm | 24.00 | 38.00 | 28.80 | Volts |
| Low DC Voltage Alarm | 14.00 | 29.50 | 24.00 | Volts |
| High Level Detect | 24.00 | 35.00 | 29.40 | Volts |
| Low Level Detect | 15.00 | 24.00 | 20.40 | Volts |
| End Of Discharge | 15.00 | 24.00 | 21.00 | Volts |
| AC Ripple Alarm | 50 | 500 | 500 | milli-Volts |
| Ground Fault POS(+) ^{critical} | 1 | 50 | 10 | kOhms |
| Ground Fault NEG(-) ^{critical} | 1 | 50 | 10 | kOhms |

48Vdc ATEvo Set Points & Defaults

| Parameter | Low Range Set Point | High Range Set Point | Nominal (default) | Units |
|---|---------------------|----------------------|-------------------|-------------|
| Float Voltage | 44.00 | 58.00 | 52.00 | Volts |
| Equalize Voltage | 46.80 | 61.00 | 56.00 | Volts |
| Current Limit | 50% rating | 110% rating | 110% rating | Amperes |
| Equalize Time | 0 disabled | 255 | 24 | hours |
| * High DC Voltage Alarm | 48.00 | 76.00 | 57.60 | Volts |
| Low DC Voltage Alarm | 28.00 | 58.00 | 48.00 | Volts |
| High Level Detect | 48.00 | 72.00 | 58.80 | Volts |
| Low Level Detect | 33.00 | 48.00 | 40.80 | Volts |
| End Of Discharge | 33.00 | 48.00 | 42.00 | Volts |
| AC Ripple Alarm | 50 | 500 | 500 | milli-Volts |
| Ground Fault POS(+) ^{critical} | 1 | 50 | 10 | kOhms |
| Ground Fault NEG(-) ^{critical} | 1 | 50 | 10 | kOhms |

* ATEvo High DC Voltage **Shutdown** is a binary (on/off) setting. Shutdown threshold matches High DC Voltage **Alarm** value.

NOTICE For *specialized* (or more detailed) ATEvo settings, contact your sales representative / factory for form p/n DI5032-##.

130Vdc ATEvo Set Points & Defaults

| Parameter | Low Range Set Point | High Range Set Point | Nominal (default) | Units |
|---|---------------------|----------------------|-------------------|-------------|
| Float Voltage | 110.0 | 141.0 | 131.0 | Volts |
| Equalize Voltage | 117.0 | 149.0 | 139.0 | Volts |
| Current Limit | 50% rating | 110% rating | 110% rating | Amperes |
| Equalize Time | 0 disabled | 255 | 24 | hours |
| * High DC Voltage Alarm | 120.0 | 175.0 | 144.0 | Volts |
| Low DC Voltage Alarm | 70.00 | 141.0 | 120.0 | Volts |
| High Level Detect | 120.0 | 175.0 | 147.0 | Volts |
| Low Level Detect | 87.0 | 120.0 | 102.0 | Volts |
| End Of Discharge | 87.0 | 120.0 | 105.0 | Volts |
| AC Ripple Alarm | 50 | 500 | 500 | milli-Volts |
| Ground Fault POS(+) ^{critical} | 1 | 50 | 10 | kOhms |
| Ground Fault NEG(-) ^{critical} | 1 | 50 | 10 | kOhms |

260Vdc ATEvo Set Points & Defaults

| Parameter | Low Range Set Point | High Range Set Point | Nominal (default) | Units |
|---|---------------------|----------------------|-------------------|-------------|
| Float Voltage | 220.0 | 282.0 | 262.0 | Volts |
| Equalize Voltage | 234.0 | 298.0 | 278.0 | Volts |
| Current Limit | 50% rating | 110% rating | 110% rating | Amperes |
| Equalize Time | 0 disabled | 255 | 24 | hours |
| * High DC Voltage Alarm | 240.0 | 350.0 | 288.0 | Volts |
| Low DC Voltage Alarm | 140.0 | 282.0 | 240.0 | Volts |
| High Level Detect | 240.0 | 350.0 | 294.0 | Volts |
| Low Level Detect | 177.0 | 244.0 | 204.0 | Volts |
| End Of Discharge | 177.0 | 244.0 | 210.0 | Volts |
| AC Ripple Alarm | 50 | 500 | 500 | milli-Volts |
| Ground Fault POS(+) ^{critical} | 1 | 50 | 10 | kOhms |
| Ground Fault NEG(-) ^{critical} | 1 | 50 | 10 | kOhms |

* ATEvo High DC Voltage **Shutdown** is a binary (on/off) setting. Shutdown threshold matches High DC Voltage **Alarm** value.

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