



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](#).

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 ²	28.00	Volts
Current Limit	50% rating	110% rating	110% rating	Amperes
Equalize Time	0 disabled	255	24	hours
¹ 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 ³	56.00	Volts
Current Limit	50% rating	110% rating	110% rating	Amperes
Equalize Time	0 disabled	255	24	hours
¹ 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

NOTES:

- 1) ATEvo High DC Voltage **Shutdown** is a binary (on/off) setting. Shutdown threshold matches High DC Voltage **Alarm** value.
- 2) 32.00 Vdc High Range Set Point considered "**extended** equalize". Unit may not meet +/-0.25% regulation, beyond 31.00 Vdc.
- 3) 61.00 Vdc High Range Set Point considered "**extended** equalize". Unit may not meet +/-0.25% regulation, beyond 59.00 Vdc.

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 ⁴	139.0	Volts
Current Limit	50% rating	110% rating	110% rating	Amperes
Equalize Time	0 ^{disabled}	255	24	hours
¹ 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	87.00	120.0	102.0	Volts
End Of Discharge	87.00	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 ⁵	278.0	Volts
Current Limit	50% rating	110% rating	110% rating	Amperes
Equalize Time	0 ^{disabled}	255	24	hours
¹ 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

NOTES:

- 1) ATevo High DC Voltage **Shutdown** is a binary (on/off) setting. Shutdown threshold matches High DC Voltage **Alarm** value.
4) 149.0 Vdc High Range Set Point considered "**extended** equalize". Unit may not meet +/-0.25% regulation, beyond 145.0 Vdc.
5) 298.0 Vdc High Range Set Point considered "**extended** equalize". Unit may not meet +/-0.25% regulation, beyond 290.0 Vdc.

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