

Volta Models (Quick Reference)



- **Volta M-Safe N4-Standard Displacement**

- **On/Off or Modulating Operation**
- Nema 4 IP66, remote mounted or non-area classified, Standard RTU w/HMI, Solar or Grid Powered. Standard 12/24Vdc powered, Optional: 110/220Vac, or 480Vac 3Ph, Double Acting or Single Acting) Can Convert Double Acting to Fail Safe w/Onboard Battery system.

- **Volta M-Safe N4-Large Displacement**

- **On/Off Operation**
- Nema 4 IP66, remote mounted or non-area classified, Standard RTU w/HMI, Solar or Grid Powered. Standard 24Vdc powered, Optional: 110/220Vac, or 480Vac 3Ph. Double Acting or Single Acting) Can Convert Double Acting to Fail Safe w/Onboard Battery system. Optional Quick Open/Closed, Speed Controls.

- **Volta M-Safe D2 Class 1, Div. 2**

- **On/Off or Modulating Operation**
- Class 1, Div. 2, Standard RTU w/HMI, Standard 24Vdc powered, Optional: 110/220Vac, or 480Vac 3Ph. Double Acting or Single Acting) Can Convert Double Acting to Fail Safe w/Onboard Battery system. Onboard Calibration of 4-20mA input, feedback as well as accuracy using Fine/Course Adjustment. D2 does not require loop power, it is internally powered. In most cases, our modulating accuracy is .01% full scale.
- Optional Class 1, Div. 1

- **Volta -BZ Below Zero**

- **On/Off or Modulating Operation**
- Designed for **Low Temperature** Operation to -40F. Nema 4 IP66, remote mounted or non-area classified, Standard Siemens RTU w/HMI, Standard 12/24Vdc powered, Optional: 110/220Vac, or 480Vac 3Ph, Double Acting or Single Acting) Can Convert Double Acting to Fail Safe w/Onboard Battery system

- **Volta E-Safe Lite-Coming Q3 2026**

- **Small Displacement Basic On/Off (suitable for up to 12-16" 600#)**
- Standard Class 1, Div. 2, Push Button Operation w/Local Remote Selector, Standard 24Vdc powered, Optional 120VAC, Single Acting Fail Safe)
- Priced about the same as our N4 remote mount system but standard Class 1, Div. 2

- **Volta Power Skid**

- **Designed by Volta, for Volta Control Systems Only.**
- VLT-1, VLT-2 and VLT-3 models depending on power consumption/requirements. These are available with all models of Volta, and capable of up to 27Kw of power generation per day in the VLT-3.
- Standard 100ah Batteries, optional 300ah batteries, charge controller, bi-facial solar panels.

- **Volta Standards:**

- Volta Control Systems work with all Gas/Oil, Hydraulic and Direct Gas actuator Brands and Models.
- All Models available in Fully Autonomous Solar Operated w/VLT Skid.
- All Models available with Solar Back Up for grid powered systems.
- All Models use low-voltage Brushless DC motors.
- All Models w/exception of Volta E-Safe Lite come with standard onboard RTU (Modbus RS-485, Dry Contact or Analog)
- E-Safe Lite uses Push Button Operation for Open/Closed, Local/Remote with Status Lights
- All Models us ExxonMobil Univis HVI 13 Hydraulic Fluid rated to -76F(-60C)
- All Models include an 18-month warranty from install.
- All Models Include onsite commissioning in the continental USA.

- **Ask about other options:**

- Loop Powered instrumentation integration
- Customer Communication Integration
- Modbus to Analog Integration
- Modbus RS485 to TCP/IP Gateway Integration



VOLTA

www.VoltaESD.com