

# Bectrol

## Electrification

### VOLTLINE SERIES 1000

## Switchboards that drive the future of electric mobility

The Voltline Series 1000™ by Bectrol, a Canadian-manufactured electrical power solution, is specially designed for large-scale EV charging projects. Its innovative design allows for quick installation, ensuring seamless deployment and adherence to your schedules. Meanwhile, its remote monitoring and control system, currently in development, ensures an extended lifespan for your charging infrastructure.



**Ultra-robust design**



**Delivery lead time:  
4 to 6 weeks**



**Simplified installation**



**Customizable**



**Canadian-made**



# Components

NEMA 3R enclosure  
*Customizable*

1

Entry circuit  
breakers

2

Metering  
panel

3

Rear service  
cabinet

4



5

Busbar connection

6

Circuit breakers for  
L2 & L3 charging  
stations

7

Stainless steel  
base

## Spec Sheet

## VOLTLINE SERIES 1000

### Electrical

Voltage	600 / 347 Vac
Current	400 to 1600 Amp
Frequency rating	60 Hz
AC input connection	3-Phase / L1 / L2 / L3 / Neutral / GNG
Internal connection	Busbar
Voltage circuit	480 Vac / 208 Vac / 120 Vac
SCCR	50 kA
Breakers for EV chargers	Customizable
GFCI outlets	1

### Physical

Dimensions (HxLxP)	86,6" x 94,5" x 31,5" 2200mm x 2400mm x 800mm
Weight	1 500 lbs / 680 kg
Operating temperatures	-49°F to 113°F / -45°C to 45°C
Cooling	Heating & heat dissipation

### Environment, Compliance & Safety

Enclosure	NEMA 3R indoor/outdoor electrical cabinet
Material	Painted steel cabinet / Painted stainless base
Electrical code	Designed for NFPA70 / NEC2020
Certifications	SPE 1000 / CSA in progress

### Interface & Monitoring (under development)

Remote connectivity	Ethernet / Cellular modem
User interface	Web based / Remote user interface
Web interface	Edge®, Chrome OS®, Firefox®
Transaction summary	Average power / Voltage / Current / Accumulated energy each post / Harmonics