## VOLTA POWER SYSTEMS
# LCD COLOR DISPLAY

**Volta** Power Systems

voltapowersystems.com
616·226·4222



### HIGH QUALITY DISPLAY
High quality color customizable display

### USEFUL INFORMATION
Provides quick and easy to understand information about the Volta System

### MULTIPLE CAN COMMUNICATION PORTS
Multiple CAN communication ports for RVC CAN compliance and J1939 500kps protocol

### SUPPORTS ADDITIONAL SCREENS
Supports additional screens based on needs

## NEW FEATURES

**DIM-ABLE DISPLAY**

**AUTO SLEEP SELECTABLE TIMER**

**USER SELECTABLE SCREEN THEMES**

**USER CONFIGURABLE INVERTER START UP**

**POWER FLOW DIRECTION**

**PACK TEMPERATURE**

**RUNTIME REMAINING & INSTANT POWER DEMAND READINGS**

## SPECIFICATIONS

· Linux Operating System

· Programming Tools Supported:
  - Open Platform
  - Qt Widgets (No OpenGL support)
  - CODESYS
  - Crank Storyboard

· Cortex-A7 ARM Microprocessor running at 800MHz

· 4GB eMMC Flash
  - Option for 8GB – with min order required

· 512MB DDR3 RAM

· LCD Optically bonded to hardened glass lens with AR film

· LED Backlight with 800 cd/m2 (nits) brightness

· Ambient Light Sensor

· (2) CAN ports: 500 kbit/s & 250 kbit/s

· (1) USB OTG (capable of supplying up to 500mA to device)
  - Software updates directly from USB Memory Device
  - Interface to PC software tools

· Low Power Sleep Mode with Wake-Up by following methods: Digital, Input on Connector, CAN Traffic, Time set by software using Real Time Clock, Button press

## DISPLAY SPECIFICATIONS

| | |
|---|---|
| Operating Voltage | 6 to 32 VDC |
| Operating Temperature | -40°C to +70°C |
| Storage Temperature: | -40°C to 80°C |
| IP Rating | 60 Hz ± 0.05% |
| Dimensions (l x w x h) | 5.63" x 1.37" x 4.17" (14.3 cm x 3.4 cm x 10.6 cm) |

## NEW CONTROL & HDMI INFORMATION

Estimated time remaining on charge display

Internal temperature of modules

Digital SOC

Active charging device notification