

1. Basics

Features

The 600-DCSM Monitor offers the following features:

- 2.8" 16 bit TFT LCD colour screen
- Auto backlighting on key press. Also controlled by external signal
- 8 programmable inputs for DC Voltage, Tank, Systems In Operation & Pump monitoring
- 2 DC Current Inputs
- Internal calculation of DC Amp hours and remaining battery capacity (using Peukert's equation)
- 4 button backlit user interface
- Onscreen keyboard for easy input of custom labels
- Internal buzzer for high and low alarms and external alarm output 1A rated and protected.

Specifications

General

Power Source	8-32 V DC
Max. Current Consumption	140 m/A
Min. Current Consumption	90 m/A (Power Down Mode)
Dimensions (W x H x D)	89mm x 99mm x 19

Input Specifications

DC Voltage	0-32 V DC
DC Current	0-±50 mV @ ±450 A
Tank	0-5 V DC
Pump	0-32 V DC
Systems in Operation	0-32 V DC
Backlight control input	0-32 V DC
Remote alarm output	1A _{MAX} @ 12 V DC Sink to ground

USB

Specification	USB 2.0 full speed
File System	FAT, FAT32