Key Features of Voltar 3.0

50 Amp charge controller:

* 100% charging and discharging in working environment temperature
* LCD Display and High quality components (ST/IR/Infineon) to ensure long service life
* Advanced MPPT technology, with efficiency no less than 99.5%
* Maximum DC/DC conversion efficiency of 98%
* Ultra fast-tracking speed and guaranteed tracking efficiency
* Advanced MPPT control algorithm to minimize the MPP loss rate and loss time
* Accurate recognition and tracking of multiple-peaks maximum power point
* Wide MPP operating voltage range
* Limit charging power & current over rated range
* Power reduction automatically over temperature range
* Comprehensive electronic protection

Monocrystalline solar panels:

* High quality solar panels that have 20 year 85% efficient output guarantee
* Wired with standard MC4 connectors so hookup is quick and easy
* Each panel 77.5” x 39” x 1.5”

Narada Batteries:

* 12V - 170 Ah deep cycling high temperature batteries
* Twice the cycle life when compared to conventional lead-acid batteries

Enclosures:

* Heavy Duty powder coated enclosures
* 35” high x 16.5” wide x 12” deep
* Can house two batteries
* Cross Vented
* Padlockable quarter turn latches
* IP 67 rated