

Applied Automation & Controls Inc

TitanSolar – Solar Charged DC supply System



Technical Specifications:

Physical & Environmental Specifications:

Dimensions	70 x 20 x 19 inch
Operating Temperature	-20C to 60C
Storage Temperature	-40C to 90C
Enclosure Rating	IP67, NEMA 6
Relative Humidity:	To 95%

Electrical Specifications:

Power In	9-36VDC, 4600mA or 200W solar panel
Power Out	24VDC, 4170mA
Backup Capacity	1.2 to 16 Ah
Battery Specs	10+yrs float life @25C avg 5+yrs float life @35C avg 500cycle @ 80% disch 2500cycle @ 30% disch high pressure cells
Voltage Monitoring	LED Indication Analog out standard SPI Optional

Part Number

00-93652

The TitanSolar is a solar charge power system for use in locations with unreliable power. The unit is extremely rugged and designed for harsh environments.

Highlights

The TitanSolar is has been specifically design for a long service life without any need for maintenance or battery replacement.

The unit can be used as a primary power system for low power applications or a backup power source for high power applications. Long maintenance free operation and high MTBF is achieved by using high quality monocrystalline solar cells and high pressure long life sealed batteries.

Analog voltage monitoring is standard while digital (SPI) based voltage monitoring and control is available as an option. Output voltages from 5 to 24 V are available as standard configurations.

