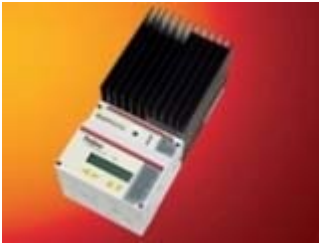


## PRODUCTS

A combination of performance, features and competitive pricing results in the best controller and inverter value on the market.

### MPPT Charge Controllers



TriStar MPPT 45 or 60 amps at up to 150 volts open circuit

The TriStar MPPT™ solar controller with TrakStar™ Technology is an advanced maximum power point tracking (MPPT) battery charger for off-grid photovoltaic (PV) systems up to 3kW.

**Model Numbers** TS-MPPT-45, TS-MPPT-60



SunSaver MPPT 15 amps at 12 or 24 volts

Morningstar's SunSaver MPPT™ solar controller with TrakStar™ Technology is an advanced maximum power point tracking (MPPT) battery charger for off-grid PV systems.

**Model Numbers** SS-MPPT-15L

### PWM Charge Controllers



TriStar 45 & 60 amps at 12-48 volts

Morningstar's TriStar™ Controller is a three-function controller that provides reliable solar battery charging, load control or diversion regulation.

**Model Numbers** TS-45, TS-60



ProStar 15 & 30 amps at 12/24 or 48 volts

Morningstar's ProStar™ is the world's leading mid-range solar controller for both professional and consumer applications.

**Model Numbers** PS-15, PS-15M, PS-15M-48V, PS-15M-48V-PG, PS-30, PS-30M, PS-30M-PG



SunSaver 6, 10 or 20 amps at 12 or 24 volts

Morningstar's SunSaver™ is the world's leading small solar controller for both professional and consumer applications.

**Model Numbers** SS-10-12V, SS-10L-12V, SS-10L-24V, SS-20L-12V, SS-20L-24V, SS-6-12V, SS-6L-12V



**SunSaver Duo** 25 amps at 12 volts

Morningstar's SunSaver Duo™ is an advanced PWM two-battery controller for RV's, caravans, boats and cottages.

**Model Numbers** SSD-25, SSD-25RM



**SunKeeper** 6 & 12 amps at 12 volts

Morningstar's SunKeeper™ solar controller provides a low cost regulated output directly from the solar module to maximize battery life in small solar power applications.

**Model Numbers** SK-12, SK-6



**SunLight** 10 & 20 amps at 12 or 24 volts

Morningstar's advanced SunLight™ solar lighting controller combines the SunSaver design with a microcontroller for automatic lighting control functions.

**Model Numbers** SL-10L-12V, SL-10L-24V, SL-20L-12V



**SunGuard** 4.5 amps at 12 volts

SunGuard™ is the world's leading single module controller.

**Model Numbers** SG-4



**SHS** 6 & 10 amps at 12 volts

The SHS™ controller is ideal for rural electrification systems with one to three solar panels.

**Model Numbers** SHS-10, SHS-6

## Inverters



**SureSine** 12 volts DC input, 115 or 220 volts AC output

The SureSine™ is a 300W pure sine wave inverter designed specifically to meet the needs of rural PV electrification requiring AC power.

**Model Numbers** SI-300-115V (60 Hz), SI-300-115V-UL (60 Hz), SI-300-220V (50 Hz)

## Accessories



**MeterHub** Morningstar's MeterHub (HUB-1) allows multiple Morningstar products to communicate over a Meterbus network to provide improved data monitoring, additional capabilities and lower system cost.

**Model Numbers** HUB-1



**RSC (EIA-485 to serial)** Morningstar's EIA-485 / RS-232 Communications Adapter (RSC-1) enables networking capability by converting a controller or inverter's RS-232 port to a standard EIA-485 serial connector. The RSC-1 may be used with any Morningstar controller or inverter equipped with a RS-232 port.

**Model Numbers** RSC-1



**TriStar Digital Meter 2** Displays a full range of operating and diagnostic information for the TriStar and TriStar MPPT battery charging, load, and diversion operating modes.

**Model Numbers** TS-M-2



**TriStar Remote Meter 2** Displays a full range of operating and diagnostic information for the TriStar and TriStar MPPT battery charging, load, and diversion operating modes.

**Model Numbers** TS-RM-2



**TriStar Digital Meter** Display a full range of operating and diagnostic information for the TriStar's battery charging, load, and diversion operating modes.

**Model Numbers** TS-M



**TriStar Remote Meter** Display a full range of operating and diagnostic information for the TriStar's battery charging, load, and diversion operating modes.

**Model Numbers** TS-RM



**Remote Meter** The remote meter is a four-digit display with custom icons that is compatible with several Morningstar controllers and inverters.

**Model Numbers RM-1**



**Relay Driver** Morningstar's RelayDriver™ is a logic module which provides high level system control functions such as high/low voltage alarms, load control and generator start.

**Model Numbers RD-1**



**Remote Temperature Sensor** Morningstar's Remote Temperature Sensor (RTS) provides very accurate battery charging in solar systems that experience temperature variations during the year.

**Model Numbers RTS**



**PC MeterBus Adapter** PC MeterBus Adapter\Isolated MeterBus to RS-232\Communications Adapter



**DIN Rail Clips** Morningstar's DIN Rail Clips provide a simple way to install our SunSaver family of solar charge controllers to DIN Rails in industrial enclosures.

**Model Numbers DIN-1**