

SURGE GUARD®

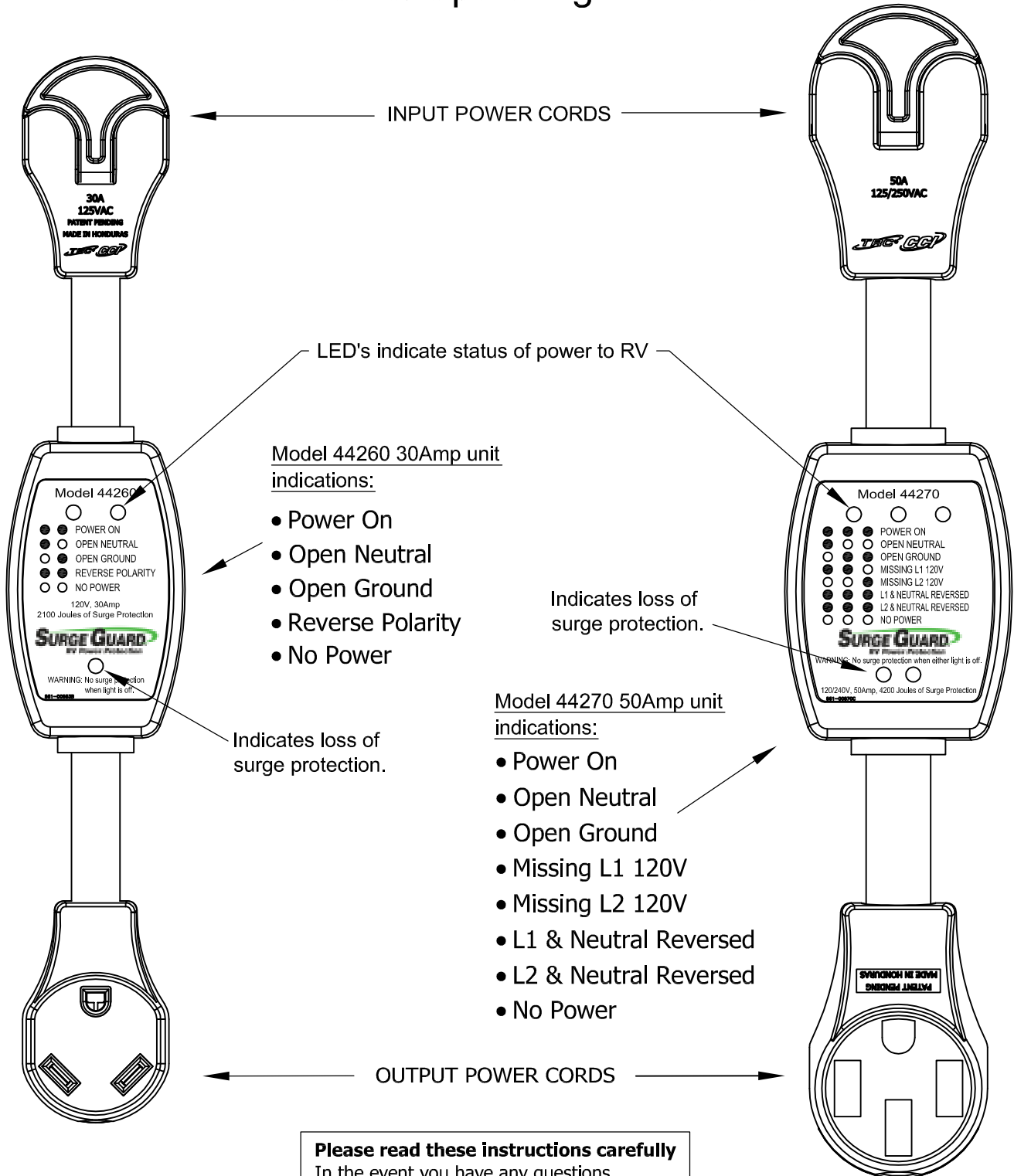
RV Power Protection

MODEL 44260
30A, 120V

www.surgeguard.com

MODEL 44270
50A, 120/240V

Installation & Operating Instructions



LED's indicate status of power to RV

Model 44260 30Amp unit indications:

- Power On
- Open Neutral
- Open Ground
- Reverse Polarity
- No Power

Indicates loss of surge protection.

Indicates loss of surge protection.

Model 44270 50Amp unit indications:

- Power On
- Open Neutral
- Open Ground
- Missing L1 120V
- Missing L2 120V
- L1 & Neutral Reversed
- L2 & Neutral Reversed
- No Power

Please read these instructions carefully
In the event you have any questions concerning use or care of this product, please contact TRC at **800-780-4324**

Technical Specs for Models 44260 and 44270

Features	Model 44260	Model 44270
Operating Current	30 Amps	50 Amps
Operating Voltage	120 Volts	120/240 Volts
Maximum Watts	3,600 Watts	12,000 Watts
Energy Dissipation	2100 Joules	4200 Joules
Clamping Voltage	< 300 VAC	< 300 VAC
Maximum Spike Current	6500A per MOV	6500A per MOV
Voltage Range	90V-140V	90V-140V (each side)
Reverse Polarity Indication	Yes	Yes
Voltage On Ground Indication	Yes	Yes
Power Indicator Lights	2 LEDs	3 LEDs
Warranty	1 year	1 year
Corrosion Resistant	Yes	Yes
Easy Installation	Yes	Yes
Surge Protection Indication	Yes	Yes

LED FAULT INDICATIONS

44260 - 30A Surge Protector			44270 - 50A Surge Protector			
ⓐ	ⓐ	POWER ON	ⓐ	ⓐ	ⓐ	POWER ON
ⓐ	○	OPEN NEUTRAL	ⓐ	○	○	OPEN NEUTRAL
○	ⓐ	OPEN GROUND	○	ⓐ	ⓐ	OPEN GROUND
ⓐ	ⓐ	REVERSE POLARITY	ⓐ	ⓐ	○	MISSING L1 120V
○	○	NO POWER	○	○	ⓐ	MISSING L2 120V
			ⓐ	ⓐ	ⓐ	L1 & NEUTRAL REVERSED
			ⓐ	ⓐ	ⓐ	L2 & NEUTRAL REVERSED
			○	○	○	NO POWER

G= GREEN LED
R= RED LED

OPERATING INSTRUCTIONS - MODELS 44260 and 44270

1. Plug in the Surge Guard 44260/44270 into an approved RV receptacle and plug the RV power cord into the Surge Guard.
2. Verify that all three top LED indicator lights are ON. This indicates that you have good electrical power at the pedestal in your location.
3. If any of the three top LED indicator lights are not ON, refer to the diagram on the front of the Surge Guard unit, or in this instruction sheet, to determine the fault condition you may have at the power pedestal.
4. If a fault condition is indicated, there may be a problem with the pedestal wiring or with the power at your location. Consult a licensed electrician to correct the fault condition or move RV and connect to a different pedestal.
5. If bottom LED indicator light is off, there is no surge protection.

Note: Using with a TRC Voltage Regulator.
If model 44260 or 44270 Surge Protector is used with the TRC Voltage Regulator (30A model 10175) or (50A model 10176), then the Voltage Regulator should be positioned after (downstream) the Surge protector.

Note: Using with power cord adapters.
Purchased power cord adapters will work in most cases with Surge Guard but TRC does not recommend using them for full load applications due to the possibility of over-heating. Be advised that power cord adapters have been known to cause fires when Amps (electrical current) ratings are exceeded. Should you decide to use an adapter, our recommendation is to check on the power cord from time to time to make sure it is not overheating.

Any of the above faults could indicate possible mis-wiring or open connection at source. For instance, if OPEN NEUTRAL is indicated, you could have a missing or disconnected neutral wire. Or, if OPEN GROUND is indicated, your ground wire or connection to ground could be loose or disconnected.

In the case of 240V power, other indications shown by the 44270 could mean mis-wiring or missing power. In all of these cases you should consult a licensed electrician to correct fault conditions, or move RV and connect to a different pedestal.

A variety of Surge Guard products are available to protect your RV from: High/Low Voltage, Open neutral, Miswired Pedestals, and Surges. **Please visit: www.SurgeGuard.com** for TRC's family of RV protection products.

FOR YOUR RECORDS

MODEL NO: _____

DATE PURCHASED: _____

WHERE PURCHASED: _____

KEEP THIS INFORMATION FOR WARRANTY PROTECTION

