



30 Amp to 50 Amp RV Surge Protector Adapter, NEMA TT-30P to NEMA 14-50R

Plug and Connector Type: NEMA TT-30P Male to NEMA 14-50R Female

This is the 30 to 50 amp RV adapter with surge protection: a NEMA TT-30P plug for the 30 amp pedestal receptacle, and a NEMA 14-50R socket that accepts the four-wire cord of a 50 amp coach.

It is the adapter you carry when the park only has 30 amp hookups and your trailer came with a 14-50 inlet. Electrically the feed is 125V at up to 30A, so 120V loads run and 240V appliances do not. The trailer distribution panel decides how the load is shared.

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RV Surge Protector Adapters

Specifications

Label	Value
Product Name:	30 Amp to 50 Amp RV Surge Protector Adapter, NEMA TT-30P to NEMA 14-50R
Adapter Type:	NEMA TT-30P Male Plug to NEMA 14-50R Female Receptacle
Male Plug Connector:	NEMA TT-30P
Female Receptacle Connector:	NEMA 14-50R
Male Plug Current Rating:	30A
Female Receptacle Current Rating:	50A
Maximum Current:	50A
Voltage Rating:	125V/250V
Prong Configuration:	3 prong 2 poles 3 wires (male plug) / 4 prong 3 poles 4 wires (female receptacle)
Power Indicator:	Not fitted
Standard:	UL 817
Safety Approvals:	UL, cULus
Environmental Certifications:	RoHS, REACH
Housing Material:	PA66 Flame-Retardant Engineering Plastic
Contact / Blade Material:	Nickel-Coated Brass, Pure Copper Conductive Parts
Flammability Rating:	UL 94 V-0
Temperature Rating:	-40 C to +75 C
Color:	Black is standard; any color available on request
Testing:	Hi-Pot (Dielectric Withstand), Polarity (Pinout) and Continuity
Customization:	OEM / ODM; custom colors, packaging and labeling available
Country of Origin:	Made in China
Packing:	Standard Export Carton

Typical Applications

Typical case: a 50 amp fifth wheel at a 30 amp site. Plug the NEMA TT-30P into the pedestal, then the coach cord into the NEMA 14-50R. It also works as a 30A source adapter for a 14-50 welder or generator inlet fed from the same pedestal. Where the site has full 50 amp service, use the 50 amp NEMA 14-50P to NEMA 14-50R adapter instead of stepping down.

Before You Plug In

Know what you are stepping down to. If the 14-50 inlet feeds 240V equipment, a 30 amp pedestal will not run it. Check the panel schedule or the appliance nameplates before you rely on the adapter at a 30 amp site.

Ordering Notes

The NEMA 14-50R socket is a 125/250V four-wire configuration. Fed from a NEMA TT-30P, only the 125V path is live.

Our other certificated products



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