



7-Way Trailer Socket, Flange Mount with Cover

Trailer Socket - 12 V DC (24 V to order)

The socket is the fixed half of the pair. It mounts through a two screw flange on the back of a tow vehicle, on a trailer frame or on a light bar, and the hinged cover closes over the contacts when the cord is unplugged so rain and road grit stay out of the blade set.

The contacts are set in a keyed round housing, so the plug can only seat one way, and the latch tab on the side holds it there. The back of the body is sealed where the harness enters, and the terminals are screw type so the harness can be landed without a special crimp tool.

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7-Way Trailer Power Cords & Wire Harness

Specifications

Label	Value
Product:	7-Way Trailer Socket, Flange Mount with Cover
Product Type:	Trailer Socket
Connector:	Molded 7-way socket, one round center pin with six flat blade contacts around it
Pin Layout:	7 contacts, marked 7P on the face
Maximum Current Rating:	30 A on the charge and ground pair
Maximum Voltage:	12 V DC (24 V to order)
Conductors:	Screw terminals behind the flange, 10 AWG to 14 AWG
Wire Colours:	White ground, black 12 V charge, blue brakes, green tail and running lights, red left turn and stop, brown right turn and stop, yellow reverse
Length:	Supplied as a connector, harness length to order
Jacket:	Not fitted
Junction Box:	Not fitted
Colour:	Black as shown. Custom colours available to order
Standard and Certification:	Pinout follows the 7-way RV (SAE J2863) layout. RoHS, REACH and PAHS compliant materials
Environmental Certifications:	RoHS, REACH, PAHS
Testing:	Continuity and pinout check on every cord, and a second check on the junction box harnesses after the conductors are landed. Insulation resistance test on request
Country of Origin:	Made In China
Packing:	Standard Export Carton

Typical Applications

Tow vehicle wiring on pickups and vans that were not built with a trailer package, trailer mounted receptacles where the cord is stored on the trailer, and light bars or licence plate brackets that carry a socket at the back.

Before You Wire It

Check the clearance behind the mounting flange before drilling. The body needs room for the harness to enter straight, and a socket bolted hard against a bumper will not let the plug latch engage.

Check which side the cover opens on if the socket sits close to a tail light or a jack. The cover is hinged on one side only, and the hinge side can be specified on an order.

Ordering Notes

Also available with a spring steel cover instead of the hinged plastic one, with a longer lead or with a moulded cord already fitted. Tell us the vehicle or the trailer model and the harness can be built with the right plug on the other end for a plug and play fit.

Our other certificated products



Yuyao ChengBang

Tel: 0086-574-62160227 Fax: 0086-574-62615227

E-mail: sales@chinapowercords.com <https://www.chinapowercords.com>

Simen Town, Yuyao
Ningbo / Zhejiang, China
315400