Powers Up Ok ?

But It Works ?

12v POWER SOURCE

For starlink DC power supply.

CAUTION

The starlink 12volt DC power supply requires up to 15 Amps on booting up before it settles down to around 4-6 amps whilst been used.

Therefore its important to note that some cars, caravans, motor-homes standard fitted 12v cigarette lighter sockets are only 8amps or 10 amps MAX (120watts = 10A)

Albeit the unit may still operate, it has been known that the socket and or the wires get extremely HOT and can melt the socket and or the plug so that it fails to operate and cause damage/fire.

Here is an example of some sockets that **may not be adequate enough** in case of melting. The appropriate FUSE in the vehicle should also align with the socket maximum AMPS, otherwise instead of the fuse blowing the wires or socket can overheat and possible fire/melt.

96 Watts max = NOT Suitable

Example - NOT Adequate

12 Amps !

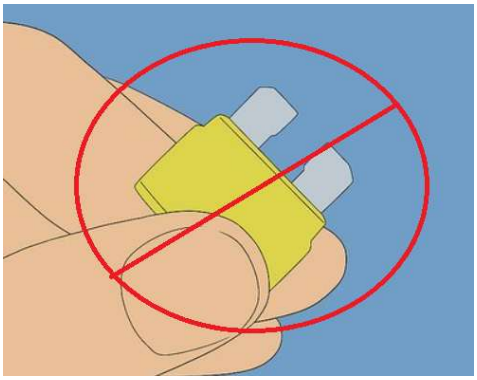
Both Socket & wire must be adequate otherwise the wire can get hot and possibly melt causing damage.

Wire MUST ALSO be able to handle up to 15 Amps+

Features

- Dustproof cover & stylish surface mount plastic housing.
- Moulded housing allows fitment to interior or exterior panels.
- Amperage rating 20A @ 12V.

FUSES…..



Do Not use a Higher AMP fuse if the socket / wire is not suitable, otherwise Fire/damage could happen.

Acceptable Sockets

EXAMPLE

Some sockets will state what the maximum is for that socket, an example of sockets that will be adequate for the starlink DC power supply is shown below.

Our 12v Cigarette Lighter Plug

provided for the Starlink DC supply

We source a suitable 15A 12VDC with a 15A Fuse

Sourced from Altronics

WHY DID THE PLUG MELT ?

Please check your socket for any damage as well as the plug if you see any damage / melted plastic.

The plug is capable for handling up to 15 Amps at 12v DC. Therefore the cause would have to be the capabilities of the 12v socket.

The metal spring tip connects to the socket inside, if the socket is not capable or the tip is not secure and causes “ark” connection, this can cause the metal on both the socket and tip to get extremely hot and could melt and also lead to damage / fire.

Therefore this is why it is so important to make sure the socket is capable and in good condition.

If you feel the plug and its hot in one of the sockets, but not in a different socket, this might be a suggestion that socket causing to get hot is not suitable or in good condition.