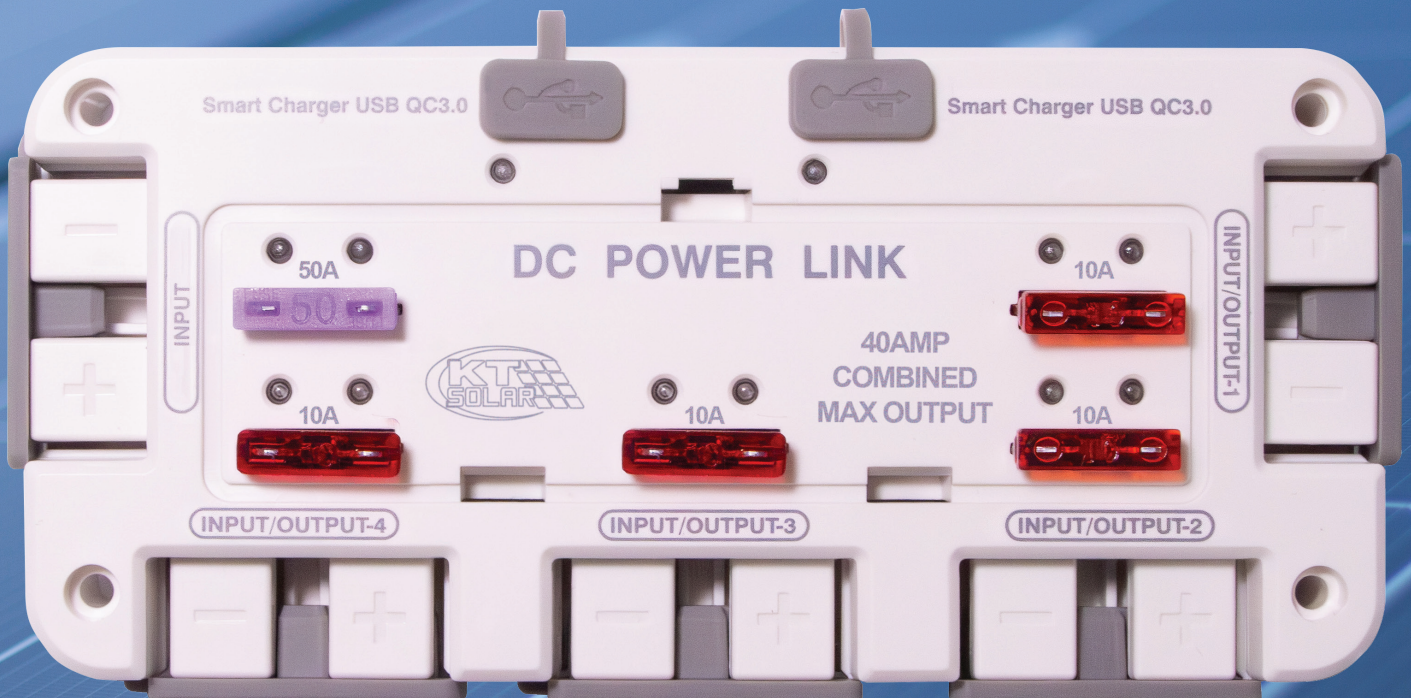


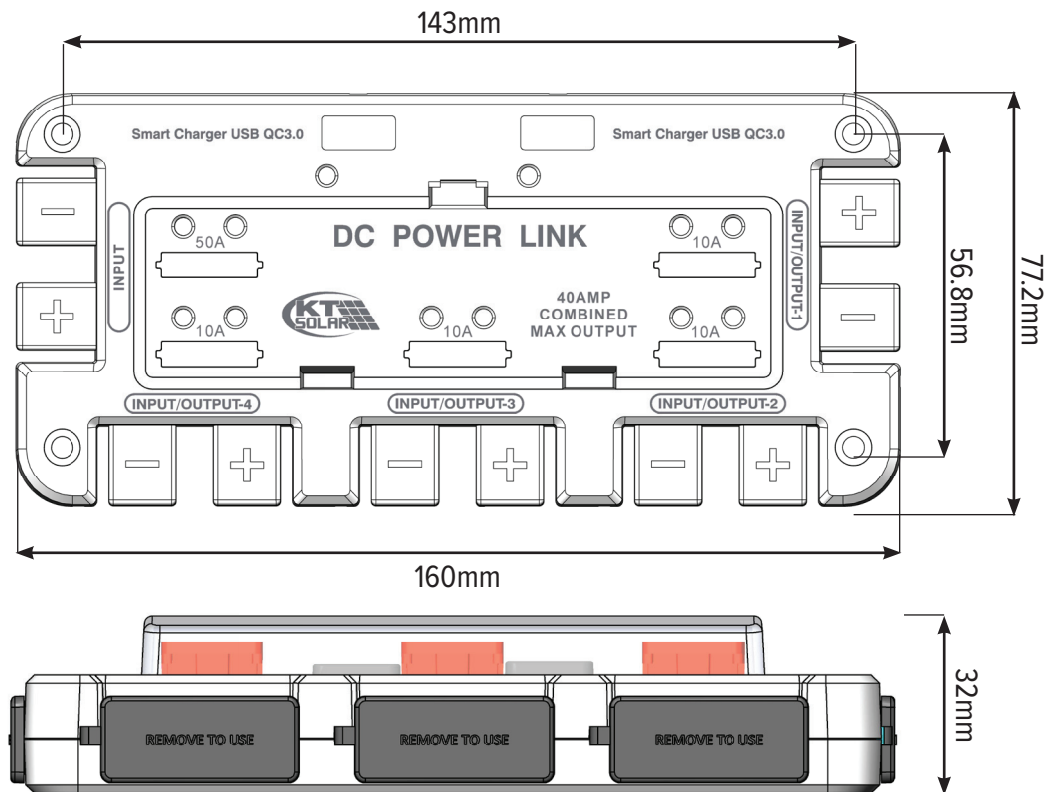


5 WAY DC POWER LINK
40A 12-24V
DUAL USB 3.0 SMART CHARGE
Model No. KT70705



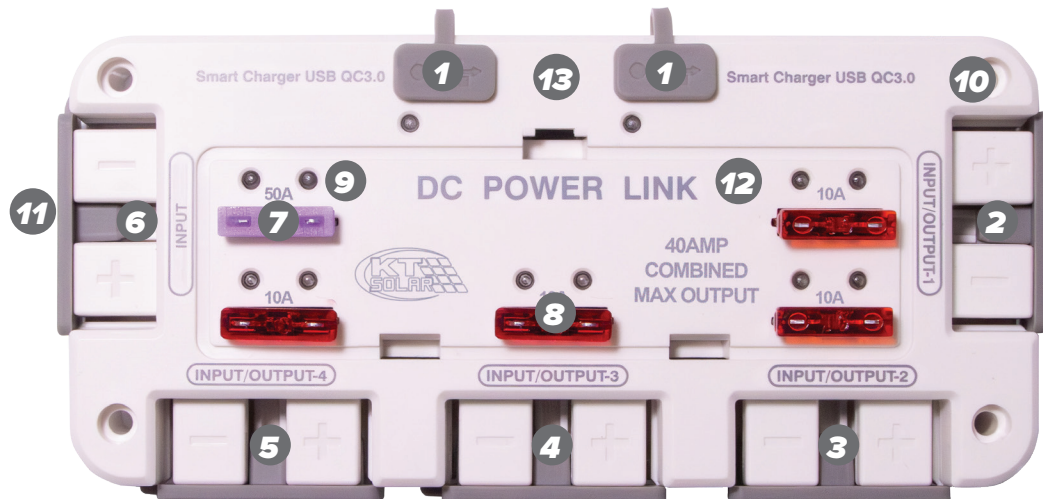
Please refer to this user manual before using or installing this product.

FEATURES



- Power up to 6 devices at once: 4 x 10A (each) heavy duty connector outputs (40A combined max output) & 2 x USB QC3.0 USB Ports.
- Suitable for a wide range of applications: Suitable for use with 12V - 24V applications including batteries, solar, camping fridges & lighting & ideal for 4WD, camping, caravans, RV's, motor-homes & boats.
- LED Indicator Lights: Green LED indicator lights to denote 'live circuit'. For USB circuits, Blue LED indicator lights denote active circuit. Red LED lights for Input/Output Circuits denote blown/or removed fuse.
- Dual QC3.0 USB Smart Charge Outlets (5V each): Rated to 5V each for efficient charging & powering of USB devices.
- Each Circuit is Fuse Protected: Unit Takes 1 x 50A & 4 x 10A Fuses (Kit includes 3 x 50A Blade Fuses & 4 x 10A Blade Fuses). This is not indicative of appliances that use smaller fuses. Always select the correct fuse as per manufacturer specifications.
- Easy Clip On / Off Polycarbonate Cover: Cover protects fuses.
- Suitable for use with 12V & 24V devices: Ideal for use with 12V lead acid batteries, solar panels, camping fridges, lighting & other 12V or 24V camping/outdoor applications.
- Moulded to connect with 50A heavy duty connectors: Designed to connect with Grey, Blue, Red & Black 50A heavy duty connectors.
- Durable for a wide-range of outdoor, 4WD applications: Dustproof, splashproof with rubber protective boots to protect connections when not in use. Body is made from UV resistant polycarbonate.

COMPONENTS



1. Smart charging USBs QC3.0 (2)
2. 10A Input / Output 1
3. 10A Input / Output 2
4. 10A Input / Output 3
5. 10A Input / Output 4
6. 40A Input
7. 50A Fuse (1) - (Can use up to 1 x 50A Fuse for one INPUT only)
8. 10A Fuses (4)
9. LED indicators for each fused circuit (12)
10. Secure mounting points (4)
11. Dust Covers for connection protection when not in use (7)
12. Polycarbonate fuse protection cover
13. UV Stabilised durable polycarbonate housing

SPECIFICATIONS

- Voltage Rating: 12-24V
- Amp Rating: Power Input: 40A
Device Inputs/Outputs : 10A
Max Combined Output: 40A
- Dimensions (mm): 143 (L) x 77.2 (H) x 32 (D)
- Mounting Hardware: 4 x PM3.5 x 28mm self tapping stainless steel screws



OPERATIONAL INSTRUCTIONS

The innovative KT 40A, 12-24V, 5 Way DC Power Link is a sophisticated controller with omnidirectional capabilities. The unit has 1 Main Battery Source INPUT (40A) and can support 4 INPUT/OUTPUT accessories, including solar (must use regulator if putting power back into Main Battery).

This unit is suitable for use with any 12V or 24V applications and ideal for use with Solar, 12V or 24V deep cycle batteries, lighting, camping fridges, and a variety of other camping, marine, 4WD, and caravanning 12V or 24V applications.

The Dual Smart-Charging USB Inputs allow efficient charging of smart-phones, tablets, laptops and other USB devices. This unit features 5 fused circuits, with green LED indicators which illuminate to indicate an active circuit, and a second LED indicator that illuminates red when a circuit has blown. Fuses can be removed easily via fuse-pulling tools. Fuses are protected by a polycarbonate cover to protect from dust & water. This unit is manufactured using UV stabilised polycarbonate, making it suitable for all indoor and outdoor applications.

1. Remove the dustproof cover from desired 'Input/ Output' and connect device via 50A Heavy Duty Connector. (10A Max per Output, 40A combined max output). For USB QC3.0, connect USB device.
2. Once 'Input' is connected, DC Power Link is Live. Green LED's will indicate 'live' power to circuits. Blue LED's will appear for live USB Circuits. Red LED's will appear for circuits where fuse has blown or been removed. For Red circuits, do not use until fuse has been replaced and LED illuminates green (or Blue for USB). To connect a 2.1A / 1A USB Device, remove the dustproof cover and connect device at any time. (Max total USB rating 3.1A).
3. Multi use configuration of Input or Output. 1 x Main Battery Power Source 'Input' Socket (40A Max input) and 4 x 'Input/Output' sockets (10A each), suitable for powering accessories or connecting Solar Panel source for charging (Solar charge controller must be used)

PRODUCT CARE

1. To clean the DC Power Link, use a water dampened cloth, clean and dry using a dry cloth.
2. When circuits are not in use, apply the rubber caps to the connection for protection from dirt and dust.
3. Always apply clip on/clip off polycarbonate fuse protection casing after checking, removing or inserting new blade fuses.

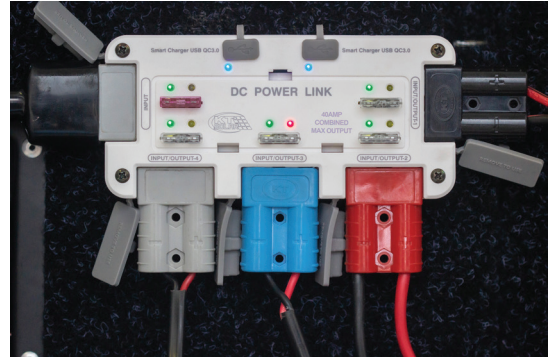
REPLACEMENT OF FUSES

This product is supplied with 3 x 50A Fuse and 4 x 10A Fuses.

When fuse has blown, a Red LED indicator will appear closest to the fuse that has blown. This circuit should not be used until fuse has been replaced and LED illuminates green.

To replace fuses, simply use a Fuse Pulling Tool which can be purchased from any major Automotive or Electrical retail outlet.

Simply replace the blown fuse with a Fuse of the same Amperage (50A or 10A Standard Blade Fuse).



1. Blue LED - Live USB Circuit
2. Green LED - Live 10A Circuits
3. Red LED - Blown Fuse
4. 50A Standard Blade Fuse (Main Battery Source Input)

PRODUCT SAFETY

This product is dustproof and splashproof. Care must be taken when using the KT Solar DC Power Link in outdoor environments.

1. Always follow user manual for operational and safety instructions.
2. **IMPORTANT: CHOKING HAZARD:** This product is supplied with small parts that could be swallowed by small children including mounting hardware and fuses. Keep out of reach of small children and do not leave product unattended around small children.
3. Do not mount this product in engine bays, or areas that exceed 60°C.
4. Do not leave the DC Power Link connected to power and unattended whilst using outdoors.
5. Do not submerge in water, spray with water, or subject to rain.
6. Do not power a circuit that has a blown fuse - replace blown fuses immediately before powering unprotected circuits.
7. Do not insert foreign objects into connections other than the connectors to which the product is intended for. Failure to follow these instructions could result in damage to the product, property or cause injury.
8. The unit comes with 3 x 50A fuses and 4 x 10A fuses. Some appliances that may be connected to the DC Power Link may use smaller Amperage fuses. Always select the correct fuse as per manufacturer specifications. Failure to do so, may result in damage to connected appliances.

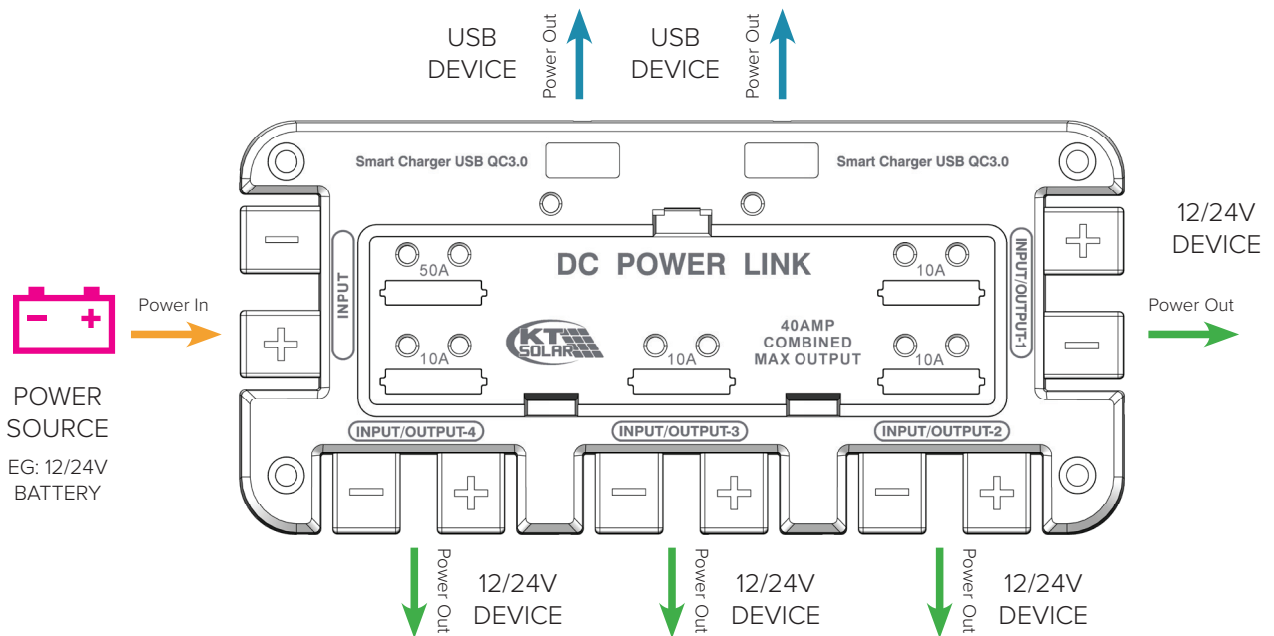
CONFIGURATION 1

1x 12/24V Battery Source (Input)
2x USB Device (Outputs)
4x 12/24V Devices (Output)

EG: 12V - 24V Can be anything from solar panels, lighting, camping fridges & laptops.

KEY

- Power Source
- USB Device
- 12/24V Device



CONFIGURATION 2

- 1x 12/24V Solar Source (Input) **Regulated**
- 1x 12/24V Battery Source (Input)
- 2x USB Device (Outputs)
- 3x 12/24V Devices (Output)

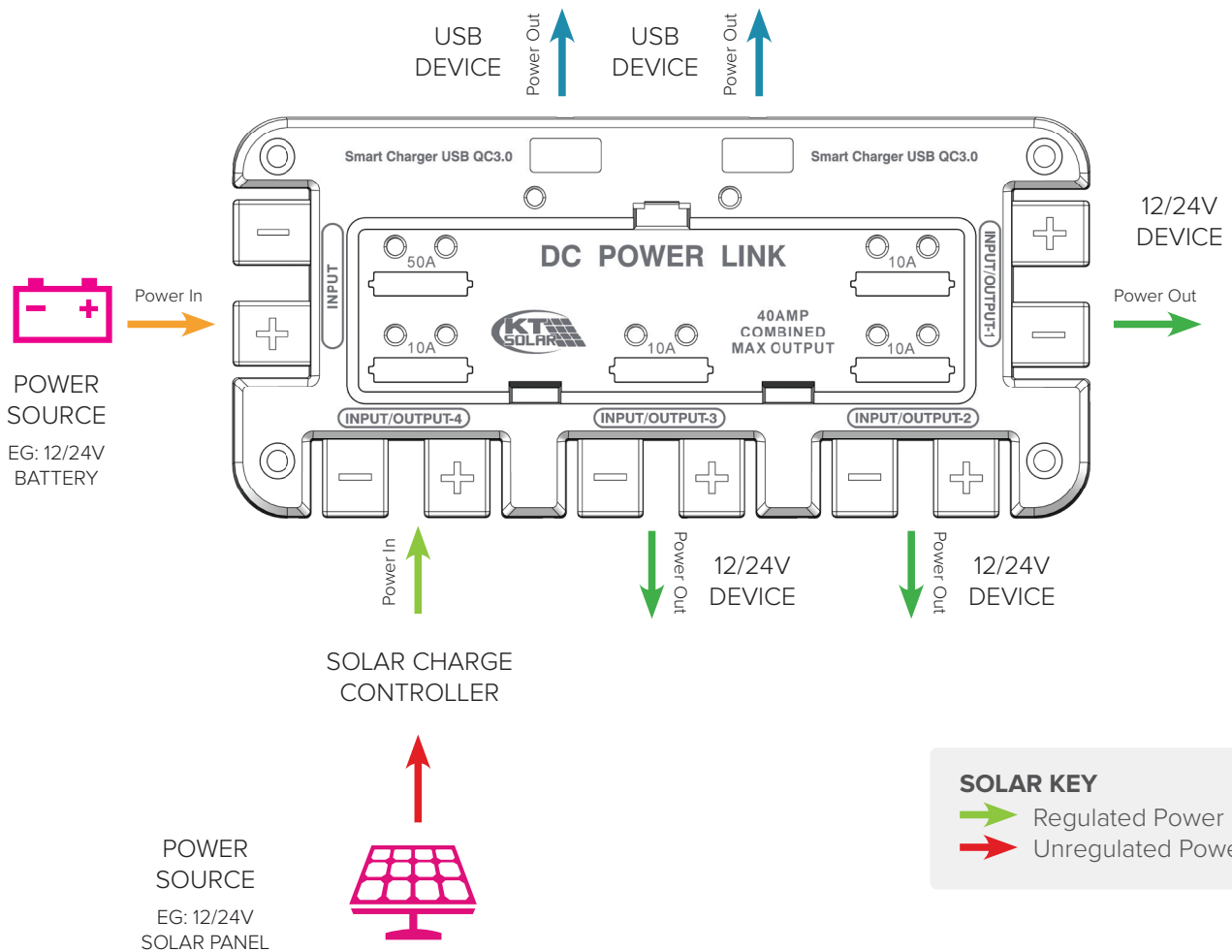
EG: 12V - 24V Can be anything from solar panels, lighting, camping fridges & laptops.

Many solar panels can be connected at once to the DC Power Link providing there is a Solar Controller between any connect 12V or 24V Battery.

Do not use unregulated solar into battery source.

KEY

- Power Source
- USB Device
- 12/24V Device



The DC Power Link can be used in multiple battery, solar and device configurations, however there must be regulated power supplied between the Solar Panel and DC Power Link.

Important: Battery source is required to operate devices. Devices will not run off regulated solar alone.



WARRANTY STATEMENT

Brown & Watson International Pty Ltd of 1500 Ferntree Gully Road, Knoxfield, Vic. telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue (save and except for all bulbs and lenses whether made of glass or some other substance) will under normal use and service be free of failures in material and workmanship for a period of one (1) year (unless this period has been extended as indicated elsewhere) from the date of the original purchase by the consumer as marked on the invoice. This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the consumer.

To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that a warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim. In the event that the claim is determined to be for a minor failure of the product then BWI reserves the right to repair or replace it at its discretion. In the event that a major failure is determined the consumer will be entitled to a replacement or a refund as well as compensation for any other reasonably foreseeable loss or damage. This warranty is in addition to any other rights or remedies that the consumer may have under State or Federal legislation.

IMPORTANT NOTE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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