

 **Bluetooth®**

**MACNA** 



**E-HEATED ECOSYSTEM**

# ***E-HEATED ECOSYSTEM***

With 20 years of experience and numerous in-house developed technologies, we are your wingman in the cold. Our e-heated ecosystem includes several garments that enable you to heat any and every body part you want.

The unique Dual Power technology lets you switch between a 7,4V and 12V power supply whenever you like. There are three ways to power your garments; a battery in the glove or jacket, or a direct connection to your motorcycle.

Batteries feature our Power Expansion System, which divides the cells of a battery in an ergonomic way to prevent bulk at the wrists. Bluetooth® technology is present in our ecosystem, enabling you to connect all garments to the MACNA Heated app and control them with one hand.

Our e-heated ecosystem provides full freedom when it comes to combining different garments and a suitable power supply to brave the cold.

**THAT'S  
WHAT WE CALL  
WARMTH AND  
COMFORT!**

# 5 STEPS TO WARMTH AND COMFORT

## STEP 1

### CHOOSE YOUR HEATED COMBINATION

#### JACKETS

BIKE OR  
BATTERY  
POWERED



#### GLOVES

BIKE OR  
BATTERY  
POWERED



#### PANTS & SOCKS

BIKE OR  
BATTERY  
POWERED



## STEP 2

### CHOOSE YOUR GARMENTS

JACKETS / PANTS / GLOVES / SOCKS

## STEP 3

### CHOOSE YOUR POWER SUPPLY

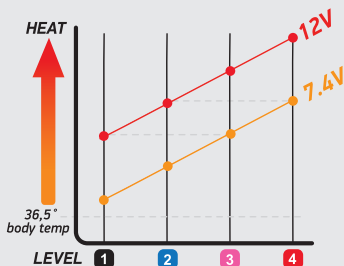


**7,4V**

or



**12V**



12V batteries heat faster and reach higher temperatures compared to 7.4V. The higher the amperage of the battery, the longer it'll last before it needs a recharge.

## STEP 4

### ACCESSORIES

#### CABLES



#### BLUETOOTH BATTERY



#### HEATED (BLUETOOTH) GRIPS



## STEP 5

### INSTALLATION

#### HEATED APP



The MACNA Heated App lets you take full control over your e-heated gear. Connect your gear to your phone via Bluetooth® and you'll never have to search for tucked away power buttons every again.



# MOST COMMON COMBINATIONS

## HEATED GLOVES

Your hands (and feet) are the first body parts to get cold. Keep 'em warm with a pair of heated gloves, which can be connected to a heated jacket.

- GLOVES WITH BATTERY IN CUFF
- GLOVES POWERED BY BIKE
- GLOVES POWERED BY BATTERY IN INNER POCKET JACKET
- GLOVES + JACKET POWERED BY BATTERY
- GLOVES + JACKET POWERED BY BIKE
- GLOVES + JACKET + PANTS POWERED BY BATTERY
- GLOVES + JACKET + PANTS POWERED BY BIKE
- GLOVES + JACKET + PANTS + SOCKS POWERED BY BATTERY
- GLOVES + JACKET + PANTS + SOCKS POWERED BY BIKE

## HEATED JACKETS

How can you be warm if your core is cold? Heated jackets can be connected to gloves and pants.

- JACKET POWERED BY BATTERY
- JACKET POWERED BY BIKE
- JACKET + PANTS POWERED BY BIKE
- JACKET + PANTS POWERED BY BATTERY

## HEATED PANTS & SOCKS

Don't let the most important parts get cold. Heated pants can be connected to a jacket and socks. Heated socks can only be connected to pants.

- PANTS POWERED BY BATTERY
- PANTS POWERED BY BIKE
- PANTS + GLOVES POWERED BY BATTERY
- PANTS + GLOVES POWERED BY BIKE
- SOCKS + PANTS POWERED BY BATTERY
- SOCKS + PANTS POWERED BY BIKE
- SOCKS + PANTS + GLOVES + JACKET POWERED BY BATTERY
- SOCKS + PANTS + GLOVES + JACKET POWERED BY BIKE

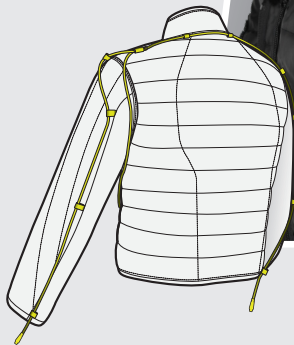
### More info:

Pour plus d'informations, visitez le site: | Para mais informações, visitar:  
Per maggiori informazioni, visitare il sito: | Para más información, visite:



# ELECTRIC POWER GUIDE

EPG  ELECTRIC  
POWER  
GUIDE



Electric Power Guide is a series of loops inside a MACNA motorcycle jacket that enable the separately available E.P.G. cable to be run on the outside of the removable thermal liner to power your gloves, offering full freedom of movement and no bulk at the wrists.

## EXTENSION CABLE

Cables that enable use of only one (unlimited) power supply for both heated gloves, suitable for all motorcycle jackets.

The extension cable is placed between one of three bike connection cables and heated gloves for an unlimited power supply.

Alternatively, it can be connected directly to a 12V – 6A battery that can be stored in a pocket on the inside of your jacket.

**From there on, the extension cable can be led over the shoulders and through the sleeves of your jacket. Its plugs will pop out at the cuffs to connect to your heated gloves.**

It is equipped with small Easy Connect Plugs on both ends. The female part is connected to the bike connection cable, and the male parts are connected to heated gloves.



If your MACNA jacket is equipped with the Electric Power Guide™, you'll need our E.P.G. cable.

# BLUETOOTH CONNECTIVITY



## ONE APP TO CONTROL THEM ALL

**Mobile Control:** manage your settings, group products, set timers, see battery status and much more, all on your phone via Bluetooth. Not only for gloves - it's especially handy when wearing stuff like the heated base layers, where the physical control button is easily tucked away.

## DOWNLOAD THE MACNA HEATED APP

The Macna Heated App will let you take full control over your gear. The Bluetooth connection will let you see all products and control them, separately or simultaneously as a group.

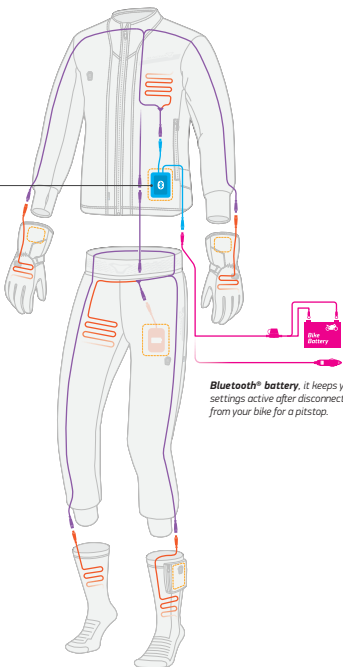


# BLUETOOTH BATTERY



When you disconnect your heated gear from your bike battery during a stop, your gear will lose its juice. This means you have to re-activate each heated garment separately before you can take off again.

Our BT Battery makes this an issue of the past. This out-of-seat system is placed between power supply and garments. It functions like a BT hotspot and keeps your set-up active without heating, whilst you stretch your legs. After re-connecting to your bike battery, the BT Battery is the central switch that allows you to continue the ride at the push of a single button and enjoy the heat.



**Bluetooth® battery**, it keeps your settings active after disconnecting from your bike for a pitstop.



## BLUETOOTH BATTERY BACKUP KIT

Out-of-seat Bluetooth battery, it keeps your settings active but not heating after disconnecting from your bike battery for a pitstop.

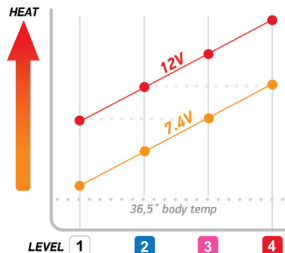
**ART.NO**  
• 165 8060

# DUAL POWER

Compared to a 7,4V power supply, a 12V power supply will heat up faster and reaches higher temperatures. Dual Power technology enables choice between a 7,4V or 12V power supply without making that choice permanent, as is the case with traditional heated gear.

Both voltages can be acquired in the form of a chargeable batteries with different amperes. Want 12V power and an endless power supply? Hook you gear up to your bike through cables!

**7.4X12**  
DUAL POWER

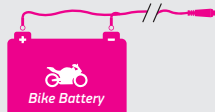


## FREEDOM



OR

## ENDLESS POWER



# THERMAX JACKET

A Therman™ jacket is a separately wearable, electrically heated jacket on the inside of your motorcycle jacket. Power this heated inner jacket through a battery or a direct connection to your motorcycle. Can also be connected to our other e-heated gear.



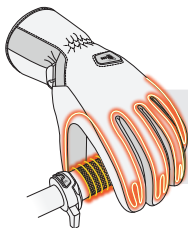
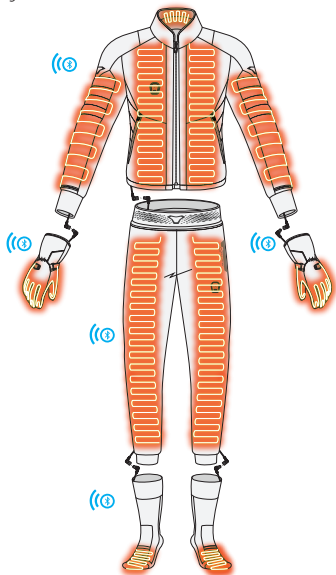
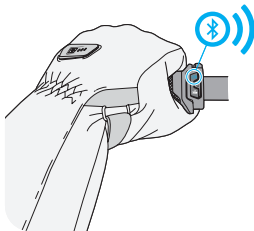
ALSO WEARABLE AS STAND ALONE

# THE WORLD'S FIRST BLUETOOTH HEATED GRIPS!

Bluetooth® Heated Grips by MACNA® are the first on the market that warm your hands and enable control over your heated MACNA® clothing, straight from the handlebar.

## TAKE FULL CONTROL

The grips can be connected to the MACNA® Heated app by Bluetooth®. This enables you to easily change heating levels of your jacket, pants, socks, and gloves whilst riding – provided that each piece of gear is also connected to the app.



The best way of braving the cold is using our heated grips in combination with our heated gloves. Your fingers and back of the hand stay warm thanks to the gloves' heated wiring on top, and the inside of your hand is heated by the grips, providing optimal comfort in cold conditions.

# HEATED GRIPS BLUETOOTH

## ART. NO

- 165 6653

## SIZES

- Suitable for 22mm handlebars

## HIGHLIGHTS

- Bluetooth remote function
- Ergonomic grip texture
- Precise temperature setting - 4 levels
- Open end for handguards or barweights
- Weather proof unibody design



**HEAT CONTROLLER  
INTEGRATED**  
IN GRIP



# HEATED GRIPS

## ART. NO

- 165 6652

## SIZES

- Suitable for 22mm handlebars

## HIGHLIGHTS

- Ergonomic grip texture
- Precise temperature setting - 4 levels
- Open end for handguards or barweights
- Weather proof unibody design



**HEAT CONTROLLER  
INTEGRATED**  
IN GRIP



# PALADYN

## ART. NO

- 165 3521

## SIZES

- S-3XL

## HIGHLIGHTS

- Fixed Raintex ML membrane
- Detachable electrically heated inner jacket (can be worn as a separate jacket)
- Shoulders R.I.S.C. CE level 1

- Elbows R.I.S.C. CE level 1
- R.I.S.C. CE back protector prepared
- Reflection sleeves / back / hood
- Dual power electric heating (7,4 or 12 V) | OPTIONAL
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Detachable Hood

- Hoodie Holder
- Easy Cuff
- Easy Access Puller
- Seat Cover
- Electrically heated inner jacket
- 2-way front zip
- Padded Collar
- Quixnap
- Card (Toll) Pocket



**101** Black



**555** Dark blue



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



RAINTEX MESH  
LAMINATED



FULLY WIRED  
HEATING



ELECTRICALLY HEATED  
INNER JACKET  
ALSO WEARABLE AS STAND ALONE

Pour plus d'informations, visitez le site: | Para mais informações, visitar:  
Per maggiori informazioni, visitare il sito: | Para más información, visite:





# NUCLEO

## ART. NO

- 165 6605

## SIZES

- S-6XL

## HIGHLIGHTS

- Dual power electric heating (7,4 or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Waist pockets
- Thermax fit-in
- Dyna Cuff
- Padded Collar



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# NUCLEA

LADIES  
SAFETY  
APPAREL

## ART. NO

- 165 6606

## SIZES

- S-XXL

## HIGHLIGHTS

- Dual power electric heating (7,4 or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Waist pockets
- Thermax fit-in
- Dyna Cuff
- Padded Collar



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# ASCENT

## ART. NO

- 165 6603
- 165 6604 (women)

## SIZES

- S-3XL
- XS-2XL (women)

## HIGHLIGHTS

- Dual power electric heating (7.4 or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Waist pockets
- Battery pocket



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# CLOUD

## ART. NO

- 165 6602

## SIZES

- XS-3XL

## HIGHLIGHTS

- Dual power electric heating (7.4 or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# CENTRE JACKET

## ART. NO

- 165 6600

## SIZES

- XS-4XL

## HIGHLIGHTS

- Dual power electric heating (7,4 or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Elastic cuffs
- Waist pockets
- Battery pocket



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# CENTRE PANTS

## ART. NO

- 165 6601

## SIZES

- XS-4XL

## HIGHLIGHTS

- Dual power electric heating (7,4 or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Elastic cuffs



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# LAVA 2.0

## ART. NO

- 165 6651

## SIZES

- S (37-40)
- M (41-44)
- L (45-48)

## HIGHLIGHTS

- Dual power electric heating (7,4 or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Heating on toes, soles and instep



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# PROGRESS 2.0 RTX DL

## ART. NO

- 190 6616
- 190 6660 (kit: 2V / 3A batteries + 220V charger)

## SIZES

- XS-3XL

## LINER

- RTX DL waterproof membrane
- Thermo lining

## HIGHLIGHTS

- Armax protection
- Night Eye fabric and reflective logo's
- Dual power electric heating (7,4 V or 12 V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Screen cleaner
- Double Waterproof cuff
- Touch Tip



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



ARMAX

# RAFINO RTX

## ART.NO

- 190 6617
- 190 6661 (kit: 7,4V / 2.2A batteries + USB charger cable)
- 190 6664 (kit: 12V / 3A batteries + 220V charger)



## SIZES

- S-3XL

## HIGHLIGHTS

- RTX membrane
- Thermo lining
- EXO R.I.S.C. knuckle protection
- Dual power electric heating (7,4 V / 2.2 A or 12 V)
- 4 heating levels
- Battery level indicator
- Touch Tip
- Night Eye
- Ergo Thumb
- 30° Buckle
- Screen cleaner



EXO R.I.S.C.



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER

# RAFINA RTX

LADIES  
SAFETY  
APPAREL

## ART.NO

- 190 6618
- 190 6662 (kit: 7,4V / 2.2A batteries + USB charger cable)
- 190 6666 (kit: 12V / 3A batteries + 220V charger)



## SIZES

- S-XL

## HIGHLIGHTS

- RTX membrane
- Thermo lining
- EXO R.I.S.C. knuckle protection
- Dual power electric heating (7,4 V / 2.2 A or 12 V)
- 4 heating levels
- Battery level indicator
- Touch Tip
- Night Eye
- Ergo Thumb
- 30° Buckle
- Screen cleaner



EXO R.I.S.C.



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER

# AZRA RTX

## ART.NO

- 190 6613
- 190 6656 (kit: 7,4V / 2.2A batteries + 220V charger)
- 190 6658 (kit: 12V / 3A batteries + 220V charger)



## SIZES

- S-4XL

## COLORS

- 101

## HIGHLIGHTS

- RTX waterproof membrane
- Thermo lining
- TPR at knuckle
- Dual power electric heating (7,4 or 12V)
- Bluetooth powered control (App)
- 4 heating levels
- Battery level indicator
- Screen cleaner
- Touch Tip



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# ERA RTX

## ART.NO

- 190 6609 (Men)
- 190 6651 (Men kit: 7,4V / 2.2A batteries + USB charger cable)
- 190 6611 (Ladies)
- 190 6652 (Ladies kit: 7,4V / 2.2A batteries + USB charger cable)

## SIZES

- S-4XL (Men)
- XS-2XL (Ladies)

## HIGHLIGHTS

- RTX membrane
- Thermo lining
- R.I.S.C. 3D temperfoam knuckle protection
- Dual power electric heating (7,4 V / 2.2 A or 12 V)
- 4 heating levels
- Battery level indicator
- Touch Tip



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# FOTON 2.0 RTX

## ART.NO

- 190 6614
- 190 6657 (kit:  
7,4V / 2.2A batteries  
+ USB charger cable)

## SIZES

- S-4XL

## HIGHLIGHTS

- RTX waterproof membrane
- Thermo lining
- Reinforced palm
- Dual power electric heating  
(7,4 or 12V)
- 4 heating levels
- Battery level indicator
- Touch Tip
- Screen cleaner
- Width adjustable wrist / cuff
- 30° buckle



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER

# UNITE 2.0 RTX

## ART. NO

- 190 6615
- 190 6659 (kit: 7,4V / 2.2A  
batteries  
+ USB charger cable)

## SIZES

- XS-3XL

## HIGHLIGHTS

- RTX waterproof membrane
- Thermo lining
- R.I.S.C. 3D soft foam  
knuckle
- Reflection at fingers
- Side Eye
- Dual power electric heating  
(7,4 V or 12 V)
- 4 heating levels
- Battery level indicator
- Ergo Thumb
- Touch Tip
- 30° Buckle
- Water Exhaust



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER

# EVOLVE RTX

## ART.NO

- 190 6612

## SIZES

- S-3XL

## HIGHLIGHTS

- RTX waterproof membrane
- Thermo lining
- R.I.S.C. 3D foam knuckle
- EVA palm
- Bike powered only
- 4 heating levels
- Touch Tip
- Ergo Thumb
- Width adjustable wrist

**EXTERNAL  
BATTERY  
POWER ONLY**



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER



# SPARK

## ART.NO

- 190 6654 (kit:  
7.4V / 2.2A batteries  
+ USB charger cable)

## SIZES

- S-3XL

## HIGHLIGHTS

- Isofur
- Light thermo insulation
- Gel padding palm
- Dual power electric heating  
(7.4 or 12 V)
- 4 heating levels
- Battery level indicator
- Touch Tip
- Ergo Thumb
- Grip print

**NOT SUITABLE FOR MOTORCYCLE USE**

**E-BIKE  
GLOVE**



ELECTRIC  
HEAT  
SUPPORT



DUAL POWER





# POWER SCHEDULE:

PRODUCT	BATTERY	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
Jacket	7,4 V 6Ah	4:30 hr 9,6 Watt	3:30 hr 14,4 Watt	2:45 hr 19,2 Watt	2:15 hr 24 Watt
Jacket	12 V 6Ah	3:15 hr 20Watt	2:30 hr 30Watt	2:00 hr 40Watt	1:30 hr 50Watt
Pants	7,4 V 6Ah	5:00 hr 8Watt	4:00 hr 12Watt	3:15 hr 16Watt	2:30 hr 20Watt
Pants	12 V 6Ah	3:30 hr 18Watt	2:45 hr 27Watt	2:15 hr 36Watt	1:45 hrs 45Watt
Gloves	7,4 V 2,2Ah	4:30 hr 4,8Watt	2:50 hr 7,2Watt	2:00 hr 9,6Watt	1:45 hr 11,5Watt
Gloves	7,4 V 3Ah	5:00 hr 4,8Watt	3:45 hr 7,2Watt	2:40 hr 9,6Watt	2:10 hr 11,5Watt
Gloves	12 V 3Ah	4:50 hr 7,6Watt	3:20 hr 11,4Watt	2:30 hr 15,2Watt	2:00 hr 19Watt
Socks	7,4 V 2,2Ah	5:30 hr 2,4Watt	4:15 hr 3,6Watt	3:15 hr 4,8Watt	2:30 hr 6Watt

## SINGLE BATTERY 12V 3A

K-BAT-12V-3A

ART. NO

• 165 8062



## SINGLE BATTERY 7,4V

K-BAT-7,4V-2,2A

ART. NO

• 165 8081



## CHARGER FOR LITHIUM BATTERIES

12 volt K-CHARGER-12V-2Ah

ART. NO

• 165 8064

7,4 volt K-CHARGER-7,4V-2Ah

ART. NO

• 165 8084



## BATTERY + CHARGER KIT 12V 3A

Klan-e technology batteries for gloves and socks.

ART. NO

• 165 8075



**SINGLE BATTERY 12V 6A**

K-BAT-12V-6A

**ART. NO**

• 165 8082

**SINGLE BATTERY 7,4V 6A**

K-BAT-7,4V-6A

**ART. NO**

• 165 8053

**BATTERY + CHARGER KIT 12V 6A**

Klan-e technology batteries for jacket and pants or gloves.

**ART. NO**

• 165 8078

**BATTERY + CHARGER KIT 7,4V 2,2A**

Klan-e technology batteries for gloves and socks.

**ART. NO**

• 165 8076

**BATTERY + CHARGER KIT 7,4V 6A**

Klan-e technology batteries for gloves and socks.

**ART. NO**

• 165 8077

**7,4V USB DUAL BATTERY CHARGER****ART. NO**

• 165 8080





1

#### EPG CABLE

Cable to connect your Heated Gear for E.P.G prepared Macna Jackets only.

(165 8083)

or

2

#### EXTENSION CABLE

Cable to connect your Heated Gear for Jackets who are not E.P.G prepared.

(165 8058)

#### HEATED GLOVES

Powered by battery in gloves, jacket, or motorcycle.

4

#### BATTERY OPTIONS

Battery in:

Socks — 7.4V — 7.4V - 2.2A

Gloves — 12V — 12V — 12V — 12V - 3A

Connect to Battery in Jacket or Pants:

7.4V — 7.4V - 6A

12V — 12V - 6A

or

Connect to Bike Battery:



5

#### Optional splitter cable

provides power to secondary heated garment. (165 8079)



Optional "out-of-seat" Bluetooth® battery, it keeps your Bluetooth® products settings active after disconnecting from your bike for a pitstop. (The Bluetooth® battery does not heat itself) (165 8062)



#### HEATED JACKET

Powered by battery or motorcycle.

Note:

Centre & Ascent jacket already has the cables to the gloves integrated!

3

#### BATTERY OPTIONS

Battery in Jacket or Pants:

7.4V — 7.4V - 6A

12V — 12V - 6A

or

Connect to Bike Battery:

Through bike connection cable with direct connection to the battery poles (165 8065) or through auxiliary socket (165 8066 / 165 8067)

#### HEATED PANTS

Powered by battery or motorcycle.

Note:

Centre pants already has the cables to the socks integrated!

For regular pants to connect the socks use:

Extension cable

(165 8068)

#### HEATED SOCKS

Powered by battery in socks or pants, or even motorcycle battery.

Optional coiled extension cable to connect your heated gear. (165 8073)





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