

Snuggle Mel Snuggle Upl

PO BOX 1145, MITCHAM NORTH VIC 3132

Tel: (03) 9878 0311

Email: tektrekplc@bigpond.com

Web: www.tektrek.com.au









Australia's Largest Supplier **Since 2010** 12 Volt Electric Blankets







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Who is Tek Trek?

Founded in 1986 and located in Nunawading, Tek Trek commenced business supplying high quality expeditionary equipment to polar and inland Australia expeditions, documentary and videographers as well as four wheel drive enthusiasts. In the same year we also became distributors of 6 manufacturers. Currently we represent over 50 manufacturers across a multitude of fields from mining to farming to marine and military applications.

Tek Trek has become known for innovatively solving problems in –

- Solar Power from small discrete systems through to large scale turnkey & telecommunications systems
- Off Road & Camping Equipment
- Remote Security Systems
- Landscape Lighting
- Standby Power Systems
- Lead Acid Battery Charging
- Remote Communications & Telecommunications
- Commercial & Private Marine Power
- Locomotive Lighting & Power
- Aerospace Industry
- > Test and Tag Inspections
- Bushfire Protection & Survival Systems in 2009 with the establishment of Flame Chaser
- Musculoskeletal drug free pain relief research and products.

Past and present customers have included Warner Bros, US Coast Guard, NASA (JPL), Australian Army & Navy, Fiji Telecom, Catalina Yachts, Sykes Group, Special Vehicles Manufacture (QLD), United States Dept of Defense, Country Fire Authority, Omega Watch Company, Radio Parts Group, Outback sheep & cattle stations, motor racing teams, telecommunications organisations, aircraft owners and many other national and multi-national corporations.

It has always been and continues to be Tek Trek's mission to produce and supply high quality solutions, equipment, accessories and unsurpassable service to our customers, both present and future.

Tek Trek takes pride in being an evolutionary innovator, inventor and solution provider, not merely a "product supplier" of any project from small to industrial turnkey systems.

Evan Davidson Solutioneer VK3FTEK





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How to buy from us

ACCEPTIBLE PAYMENT











DUE TO HIGH PRODUCT
DEMAND, PROTRACTED
STOCK DELIVERY AND
ASSEMBLY TIMES ALL
CAUSED BY COVID-19,
WE NOW REQUIRE A
3 DAY LEAD TIME
BEFORE SENDING
OUT ORDERS.

Purchases can be made by:

- 1. Emailing us Our Preferred Method (for correct shipping and charge details)-
 - With Your Master/Visa Credit Or Debit Card Number (no fee charged)
 - The Card Expiry Date
 - The 3-Digit CVV Number On The Back
 - Your First & Last Name
 - Your Delivery Address (Work <u>Or</u> Home <u>or</u> PO Box)
 - Contact Phone Number
- 2. Sending a Direct Deposit to our bank with your name as a reference (48-72 hours to clear) Tek Trek Pty Ltd, BSB No. 083218, Account No. 691698750, NAB, 271 Collins Street, Melbourne 3001
 Please supply by email (for correct shipping details)
 - Your First & Last Name
 - Your Delivery Address (Work Or Home or PO Box)
 - Contact Phone Number

NOTE (1): For correct shipping and charge details we do not accept telephone orders.

NOTE (2): Tek Trek Pty Ltd in Melbourne was a part time home-based business that has now been absolutely swamped with electric blanket sales (1500% increase) and enquiries (2000+% increase) from everyday folks now camping instead of holidaying overseas. This is great news but it comes with a cost in physical and mental health with 16 hour days, 7 days a week in trying to satisfy every email and phone call resulting in **Mondays being dedicated to shipping out by Australia Post standard parcel post (1)** back orders and (2) all other orders from sales received in the previous week(s).

Your credit/debit card will not be charged before shipping out.

- Standard Parcel Post Cost included with blanket price: Typical delivery times according to Australia Post are 7-10 days - may be less - to all capital cities, suburbs and major regional centres.
- Express Parcel Post Add \$11: Usually despatched within 48 hours with a delivery time of 3-5 days to all capital cities, suburbs and major regional centres.
- Tracking numbers cannot be supplied due to extreme time constraints.
- Order pickups are strictly not available.



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History of the Electric Blanket

This delight has been around for a long time and most people probably think, "What's so big about the electric blanket?" Well, there are a lot of reasons the electric blanket has been a life changing gadget.

The blanket was invented by the Superintendent of the Battle Creek Sanitarium, Dr. John Harvey Kellogg, as one of the alternative medical treatments for his patients. He always advocated that his patients being outside in the fresh air (even sleeping outdoors) would benefit the mental health and overall health of his patients. The problem was when it got cold no one wanted to spend much time outdoors.

His invention of the "thermo-electric" blanket enabled his patients (which included Amelia Earhart and Henry Ford) to be outside no matter what the weather was like.

Health Benefits Of Electric Blankets

Why suffer any longer with a cold bed when thousands of happy campers, truckies, boaters and glampers are now enjoying a luxurious sleep in the great outdoors?

Being deprived of sleep because of the cold not only kills a great camping trip but can be dangerous if you are a long distance truck driver who spends a few nights a week on the road.

At Tek Trek we have after exhaustive testing now have a world leading range of 12 volt electric blankets to suit all climates across Australia. A quarter of people purchasing electric blankets do so for health benefits beyond general comfort.

Direct heat therapy is one of the main reasons for using an electric blanket. Applying heat to muscles increases blood flow; this enhances muscle nutrition and relaxation, which helps with healing and pain and eases sleep. Heat therapy increases blood flow and makes connective tissue more flexible. It temporarily decreases joint stiffness, pain, and muscle spasms. Heat also helps reduce inflammation and the build up of fluid in tissues (edema).

People who suffer from back pain, tension, or injuries may find relief through the application of heat to affected areas. Heat provided by electric blankets may relieve muscle pain and soreness caused by arthritis and fibromyalgia. Those with Raynaud's phenomenon or post-polio syndrome may use heated bedding to avoid damage and relieve discomfort caused by poor circulation or cold intolerance.

Electric blankets also can help health conditions indirectly, such as sinus conditions and allergies. They allow one to sleep in lower room temperatures and avoid breathing warmer dry air. Conversely, the heat provided by these devices also reduces moisture in bedding.

Today the electric blanket can be seen in tents, caravans, trucks and boats to keep warm on cold winter nights but it is still a handy piece of technology that has a fantastic purpose.

An electric blanket allows users to maintain a more comfortable temperature and gain the general benefits associated with deep and uninterrupted sleep particularly when camping in near zero and sub zero temperatures.

Disclaimer: The information we provide is not intended to be a substitute for professional medical advice, diagnosis or treatment. Always seek the advice of your doctor or other health provider with any questions you may have regarding a medical condition.

COVID-19 & Australia Post Deliveries

28/04/2020 - Express Post Deliveries

Due to the challenges of the pandemic, **Australia Post has suspended their Express Post guarantee of next-day delivery** due to the postal service being unable to commit to this timeframe.

Express Post is still available but parcels may not be delivered the next business day every time.

The suspension became effective on April 20, 2020 but the Australia Post website ensures the delivery service will remain to be the fastest way to receive mail, as they will be prioritised.

Our products are shipped by Australia Post using standard satchels which prior to the pandemic, took 5-7 days to deliver Australia wide. Due to implemented distancing rules at Australia Post, this time frame has now been extended up to 10 days.



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100s SOLD

SINCE 2010

12 VOLT ELECTRIC BLANKET

WITH 7 HEAT SETTINGS



Proudly Made In The US



· Easy to fit. Easy to use.

· 2m cable and lighter plug.

· Helps you sleep on the coldest of nights.

· Happily used at - 10°C in Kosciuszko National Park.

7 setting heat controller.

Low Amp Draw at 3.1 amps

91cm x 152cm (36" x 60").

Have you seen our accessories?



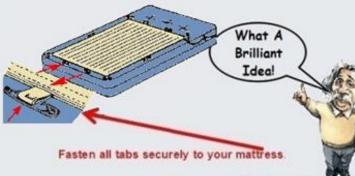




100%

ATISFACTION GUARANTEE

PART NO. T36 \$260 INCLUDING AUST WIDE 7-10 DAY DELIVERY



This electric blanket comes with safety pins for pinning it to your mattress. This prevents the electric blanket from bunching up or moving around while you sleep. The pins also prevent movement while you travel should you wish to leave electric blanket on your caravan/camper trailer bed or rolled up in your swag.







electro warmth We outsell amazon

worldwide!



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Perfect for use in truck sleeper cabs











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WITH BATTERY SAVING TIMER



* Forget leaky dangerous hot water bottles

Why Freeze?

- * 30/45 minute timer saves your battery
- * 2.6 amps over 45mins time setting.
- * Ideal for single battery vehicles
- * 107cm x 147cm (42" x 58")
- * Plugs into 12v cigarette lighter socket with 2.1m power cable.
- * Comfortable, thick polar fleece blend
- * Happily used at -4degC in the Outback
- * Single heat setting only



SATISFACTION

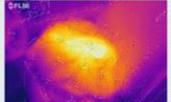
GUARANTEE

100s Sold Simce 2012



#20013 NAVY

192 INCLUDING 7-10 DAY AUSTRALIA WIDE DELIVERY







Ideal for single battery camper vans and cars







Innovative Solutions Since 1986

electro warmth Comfy Cruise

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- * Comfortable, thick polar fleece blend
- * Happily used at -4degC in the Outback
- * Single heat setting only

100s Sold Simce 2012



#20014 RED

INCLUDING 7-10 DAY AUSTRALIA WIDE DELIVERY











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Why Freeze?

BLACK 12 VOLT ELECTRIC BLANKET



Enjoy a great night's sleep anywhere you stop.

Ideal for campers, caravans and truckies.



- * Tested by Tek Trek to -2°C
- * Easy to fit, easy to use
- * Comfortable, thick durable polar fleece blend
- * 2m cable with lighter plug
- * Comes in handy dust free zipped cover

* Power: 4.0A/48W @ 12.6VDC

* Size: 150 x 110cm

* 12 months warranty







NOTE: This is a basic blanket having no heat controller or timer.







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Why Freeze?

BLUE 12 VOLT ELECTRIC BLANKET



Enjoy a great night's sleep anywhere you stop.

Ideal for campers, caravans and truckies.



- * Tested by Tek Trek to -2°C
- * Easy to fit, easy to use
- * Comfortable, thick durable polar fleece blend
- * 2m cable with lighter plug
- * Comes in handy dust free zipped cover

* Power: 4.0A/48W @ 12.6VDC

* Size: 150 x 110cm

* 12 months warranty



100%



NOTE: This is a basic blanket having no heat controller or timer.







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Why Freeze?

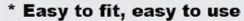
NAVY 12 VOLT ELECTRIC BLANKET



Enjoy a great night's sleep anywhere you stop.

Ideal for campers, caravans and truckies.





- * Comfortable, thick durable polar fleece blend
- * 2m cable with lighter plug
- * Comes in handy dust free zipped cover

* Power: 4.0A/48W @ 12.6VDC

* Size: 150 x 110cm

* 12 months warranty



MODEL: SNUGMEN DELIVERY INCLUDED

100%





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12 Volt Electric Blanket Accessories







65cm - 210cm

The perfect solution where Electrowarmth pins won't work on Thermarest air beds. Lilos and foam rubber mattresses.

\$29.00 Delivery Included

Adjustable Blanket Grippers (Set of 4)

Stop your electric blanket or any other blanket/sheet from bunching up, wrinkling or falling off your mattress as you travel over rough terrain or roll up your swag with a set of 4 blanket grippers.

Material: Metal clips & buckles, black elastic band



Snuggie Up!

Extension Leads

These extension leads plugs into your vehicle lighter socket or auxiliary battery power socket to power an electric blanket or other 12 volt appliance from 1m to 3.5m away from a 12 volt battery.



5 Amps/60 Watts max. load 1m Extension Lead #CLE1M \$21-00 Including Postage



5 Amps/60 Watts max. load 3m Extension Lead #CLE3M \$25-00 Including Postage



5 Amps/60 Watts max. load

1m Switched Extension Lead #CLE3MS \$28-00 Including Postage



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12 Volt Electric Blanket Accessories









5 Amps/60 Watts max. load 5m Extension Lead #CLE5M \$54-00 Including Postage

10 Amps/120 Watts max. load 3.5m Extension Lead #CLE35M \$31-00 Including Postage

10 Amps/120 Watts max. load 0.3m Power Splitter #CIG2 **\$24-00** Including Postage



10 Amps/120 Watts max. load Car Battery Clips & Power Socket #LBC01 \$27-00 Including Postage



30cm 10Amp cigarette auxiliary socket with battery connection clips for vehicles or external batteries that do not have a lighter socket available.



are no longer available.



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12 Volt Electric Blanket Accessories

Now you can use your 12 volt electric blanket from a 240V AC outlet as a portable unit at a motel, caravan park, power generator or friend's home.





87 Watts max. load

Power Supply

#SM1540

Input: 100~240 VAC 50/60Hz

Power indicator

Dimensions: 174mm x 72mm x 44mm

\$69-00 Including Postage

Suits -





120 Watts max. load

Mains Power Supply #MP3241

Input: 100~240 VAC 50/60Hz

Power indicator

Dimensions: 130mm x 60mm x 32mm

\$128-00 Including Postage

Suits -







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A few comments.....

We bought one a couple if weeks ago and went camping it would have to be one of the best things we have ever bought for our camper it's only a single size but we put it in the middle of our queen size mattress and it warmed up nicely - Wendy 30/6/14

Got called a pussy a few times..LOL....but when I crawled into that nice warm bed,,,I could sometimes hear the teeth chattering from the truck parked next to me....LOL - Gary 30/6/14

They are great. I have one in my van and it works great in my swag as well. - Bundy 01/07/14



Australia and the electro warmth blanket from Tektrek made the difference between shit trip and shit hot trip. Without the worry about

Love ours Had it for 2 years now. Fantastic.



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A great product. Thanks Evan I sing your praises when people ask. Again I love it!! Regards Wayne

Shirley

Thank you, thank you, thank you! Having this electric blanket is going to make the world of difference on my pain. I really cannot thank you enough! Kind regards Jenna

We just had 3 weeks in central

Terrence We just had 3 weeks in central Australia and the electro warmth blanket from Tektrek made the difference between shit trip and shit hot trip. Without the worry about batteries running flat.



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Thinking of using a 240v electric blanket from home?

OK, so you want to use your electric blanket from home.

Don't do it!

A domestic 100W 240VAC blanket with inverter will draw just under 11 Amps per hour.

100 Watts @ 240VAC when inverted = 10 Amps plus power losses within your inverter's circuit will give you a total of around11 Amps per hour on full power, or around 6 Amps per hour at half setting.

Keep in mind your Modified Sinewave Inverter has a No Load Current Drain of <0.5A. A no load current is when the inverter is switched on but not powering anything.

So, 11A x 8Hrs sleep = 88 Amps drawn from the battery versus 3.1 Amps nom.(Electrowarmth brand) x 8Hrs sleep = 24.8 Amps drawn from the battery. If you have a 100Ah deep cycle battery you will only get 1 night from a 100W blanket & inverter and a nights with one of our 12V electric blankets.

Why deal with inefficient 240VAC appliances and inverters?





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INTERESTING FACT

Melbourne Was The Coldest Major City In The World on June19, 2018

Melburnian commuters endured a frigid ride to work this morning, with clear skies and still breezes sending the air temperature down to just 3 degrees at 6:30am.

As the sun rose the temperature refused to go with it, registering a mark of 4 degrees – a mere one-degree rise – at 8:29am, right at morning peak hour.

Here's the really interesting part: At that specific moment, **MELBOURNE BECAME**THE COLDEST MAJOR CITY ON THE PLANET. Both Canberra and Brisbane also ranked in the bottom three for temperatures, coming in at 6 and 7 degrees respectively.

But more interestingly, that meant Melbourne (Canberra and Brisbane too) were colder at that specific moment than perennially chilly centres like St John's in Canada's Newfoundland & Labrador region (8 degrees), Reykjavik in Iceland (9), La Paz in Bolivia (11), Anchorage in Alaska (13), and even Helsinki in Finland, which was experiencing a middle-of-the-night temperature of 14 at the time.

So there you go. It's all well and good to state that 4 degrees is "not that cold," but for one frigid moment on this morning there was no city colder than Melbourne.



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Victorian High Country Weather Forecast Links

Australian Alps: Snowy Mountains Forecast

http://www.bom.gov.au/nsw/forecasts/snowy.shtml

Australian Alps Weather

http://www.bom.gov.au/australia/alpine/

West and South Gippsland District Forecast

http://www.bom.gov.au/vic/forecasts/westsouthgippsland.shtml

North East District Forecast

http://www.bom.gov.au/vic/forecasts/northeast.shtml

East Gippsland District Forecast

http://www.bom.gov.au/vic/forecasts/eastgippsland.shtml

Forecast Summary for Victorian Towns

http://www.bom.gov.au/vic/forecasts/towns.shtm



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12 Volt Electric Blanket Adjustable Power Questions

Q. For the blankets with adjustable control, does that reduce the current draw also? As in, can I run it at half the power, for twice as long, for the same battery consumption.

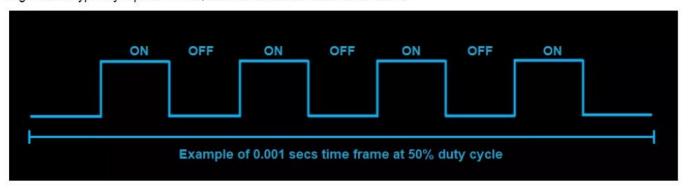
A. Yes to a point. The controllers use PWM technology where the voltage is rapidly switched on an off for differing amounts of time. When a controller is set to a lower heat setting the amount of 'on' time is reduced and the 'off' time is increased. The opposite happens at higher settings.

Pulse Width Modulation (PWM) is a nifty current control technique that enables you to control the heat output of electric blankets in a much more energy efficient manner.

PWM works by pulsing DC current, and varying the amount of time that each pulse stays 'on' to control the amount of current that flows to a device such as an electric blanket. PWM is digital, which means that it has two states: on and off.

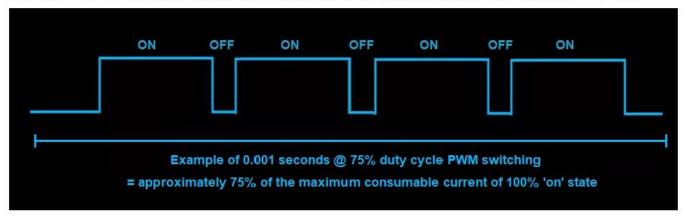
The longer each pulse is on, the warmer an electric blanket will be. Due to the interval between pulses being so brief, the electric blanket doesn't feel like it's actually turning off and then back on. In other words, the electric blanket's power source switches on and off so fast (thousands of times per second) that the electric blanket actually stays on without flickering. This is called PWM control and such a circuit is just called a PWM controller circuit.

The squares in the PWM illustration below are the pulses which represent 'on' time, and the depressed areas represent the time that the power is 'off'. Both the squares and depressed areas are the same 'width' therefore the duty cycle is 50%. PWM signals are typically square waves, like the one in the illustration below.



A PWM signal (square wave) with a 50% duty cycle.

If the duty cycle of a PWM power supply is set to 75%, then the pulse is on for 75% of the time, and it is off 25% of the time. Duty cycle refers the amount of time it is on. At a 75% duty cycle, an electric blanket's heat should be near 75%.



A PWM signal (square wave) with a 75% duty cycle.

If the duty cycle was 0%, the entire signal would be a flat line. A PWM duty cycle of 0% means that the power is off. In such a state, an electric blanket would not be operational. It would simply be off.

The key reason that PWM circuits are so efficient is that they don't try to partially restrict the flow of current using resistance. They turn the current fully on and fully off. They just vary the amount of time that it is on instead.

Our Snuggle Up! electric blanket states 4.16A but as it employs a PWM controller the actual maximum current drain at its highest setting is 4.16A and around 2.0A at the half way point on the controller. A resistive rheostat used in cheap electric blankets would be around 3.0A or more at the half way point.



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8/11/2018

Kidsafe Issues Warning on Hot Water Bottle Burns

Kidsafe Issues Warning on Hot Water Bottle Burns

Wednesday, 03 August 2011 11:14

Kidsafe

Kidsafe Victoria today issued a winter alert on Hot Water Bottles.

Melanie Water, State Manager of Kidsafe Victoria said that with the increased use of hot water bottles during the winter season, it is important that parents are aware of the dangers posed by such products.

Kidsafe Victoria are urging people to check the condition of their hot water bottles, and to consider some safety tips when using these.

Ms Water said "While hot water bottles can be a good source of heat, they also have the potential to cause serious burn and scald injuries."

"Any hot water bottles that are brittle or have cracks should be replaced immediately."

Every year, up to 200 Australians are admitted to hospital because of serious burns from hot water bottles. Serious burns can occur very quickly and are extremely painful, often leading to lengthy treatment and permanent scarring.

Kidsafe recommends the ACCC's following safety tips to prevent the risk of burns and scalds when using hot water bottles:

- Check that PVC and rubber hot water bottles sold in Australia meet the mandatory safety standard for hot water bottles.
- Before using a hot water bottle, check it for cracks, splits, brittleness, breaks and other damage.
- Never leave a child alone with a hot water bottle.
- Never use hot water bottles where babies or children may come into contact with them.
- Only use a hot water bottle to warm the bed. Remove the bottle before you get into bed and empty it or
 place it out of reach.

For more information on hot water bottle safety please visit: http://www.accc.gov.au/content/index.phtml/itemId/759045

Media Enquiries:

Ron Smith, Corporate Media Communications, Kidsafe Victora - Mobile: 0417 329 201



Imagine this 'catastrophe' camping!



9 News Melbourne

Page · 607K like this · TV programme

1 hr · • A call to ban hot water bottles · A 20 year old Coburg man has undergone painful surgery after suffering serious burns from a hot water bottle. The young man's mother is calling for them to be banned after it spontaneously ruptured.

