



# 2.6kg

## E-Bike Conversion Kit (PEDELEC/EPAC)



- Ultra-light, high-performance and super-compact kit
- No modification or change of parts needed
- Great for commuting and long-distance riding
- Integrated safety features
- Optional roller for wet surfaces
- 250W, Maximum speed up to 25km/h (PAS), 30km/h (Throttle)
- EUROBIKE 2010 Gold Award Winner



### Installable bicycles:



MTB Hardtail



Urban/Hybrid



Roadbike  
(conditional)



City Bike

Standard kit:



Brompton



Strida



Dahon



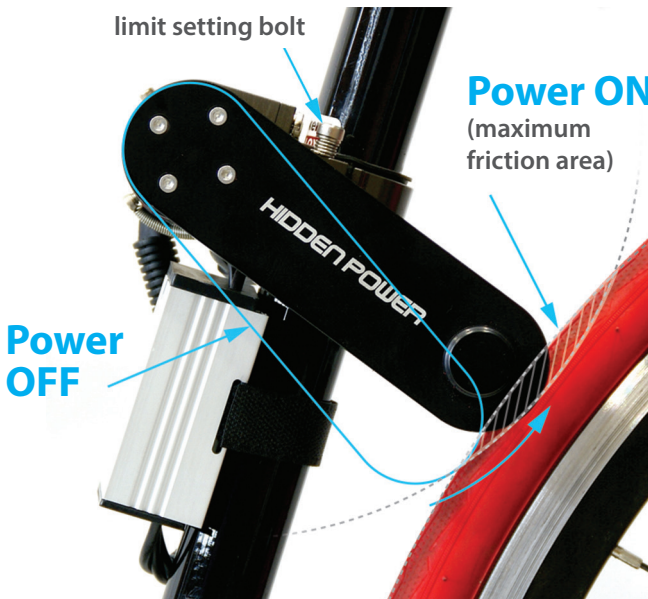
Moulton TSR

Exclusive kit:

# Light weight innovative technology

## The principle

The friction roller, which is controlled automatically, directly rotates the road surface of the tire. There is no pedaling load when the motor is off because the roller delivers no pressure to the tire.



### Power ON

The roller slightly lifts up, putting tight pressure on the tire delivering power. The roller angle can be precisely adjusted using the limit setting bolt (standard kit only).

### Power OFF

When the motor is turned off, the tire automatically pushes the roller downwards and instantly removes resistance. Breaking abruptly stops the motor.



## Tech Specs

Component	Specifications	
<b>Motor</b>	<ul style="list-style-type: none"> <li>- Brushless DC Motor</li> <li>- Rated power 250W, Replaceable bearing</li> </ul>	
<b>Controller</b>	<ul style="list-style-type: none"> <li>- Proportional speed control by accelerator dial (Off/0~Max)</li> <li>- Slow start function to prevent sudden unintended start &amp; increase battery efficiency</li> <li>- Safty Power-off in case of sudden braking or overload</li> <li>- Power-off at low power for battery protection</li> <li>- <b>PAS Type (Europe, others) / Throttle Type (USA, Korea)</b></li> </ul>	
<b>Battery</b>	<ul style="list-style-type: none"> <li>- Highly efficient Samsung Li-Ion battery : 14.8V / 20A (16.8V when fully charged)</li> <li>- Charging/Discharging approx. 500 times</li> <li>- A built-in PCM (Protection Circuit Module) &amp; LED battery level indicator</li> <li>- Individual full cell charging system</li> </ul>	
<b>Charger</b>	<ul style="list-style-type: none"> <li>- Input : 100~240V, 50~60Hz</li> <li>- Output : +16.8V, 2.5A</li> <li>- Compliant to global safety standards</li> </ul>	
<b>Performance*</b>	<b>PAS Type</b> <ul style="list-style-type: none"> <li>- Maximum speed : 25km/h</li> <li>- Running time : approx. more than 2 hours</li> <li>- Distance : approx. more than 50km</li> </ul>	
	<b>Throttle Type</b> <ul style="list-style-type: none"> <li>- Maximum speed : 30km/h (without pedaling)</li> <li>- Running time : approx. 1 hour (without pedaling)</li> <li>- Distance : approx. 30km (without pedaling)</li> </ul>	
<b>Optional roller available for wet road conditions.</b> * May vary upon the type of bicycle, rider's weight, road condition and wind speed (conditions : bike 10kg, adult 80kg on pavement, without wind).		
<b>Total weight*</b>	<ul style="list-style-type: none"> <li>- 2.6kg (including battery)</li> <li>* Can be different according to mount and decelerator.</li> </ul>	<b>2.6kg</b>

