

Bespoke Gear OEM Prices 2018

Pedal Generators				
We specialise in producing electricity from human power. We have many different types of pedal generator to suit your application. We use quality components, plug and sockets for our systems. All of these generators produce variable output, safe low voltage (0-60V DC). You will need some form of control regulator to ensure smooth output power.				
				Additional Requirements:
Roller Wheel Pedal Generator Stand	This is a portable & detachable pedal generator stand which works with most standard bicycles. A roller pushes against the wheel of the bike and generates electrical energy (0-60V DC, up to 10A). These generators are low cost and portable. They require a bicycle and a control regulator.	£500.00	GEN-RW-ADULT	26"-28" Bicycle. Control regulator.
		£600.00	GEN-RW-CHILD	BMX size bicycle. Control regulator.
Hub Wheel Pedal Generator	These generators use a hub generator which is more efficient and requires less maintenance. The back wheel of the bicycle is replaced with a hub generator. They generate 0-60V DC up to 15A.	£1,400.00	GEN-HUB-STAND	Control regulator.
Recumbent Pedal Generator	A bespoke designed recumbent-style generator. Ideal for pedal cinemas or anywhere its more relaxing to sit back. This generator uses a high efficiency hub generator. Seat is adjustable.	£1,200.00	GEN-REC	Control regulator.

Control Regulators				
The output from a pedal generator has a variable voltage and current. This MUST be regulated and controlled. We provide rugged and robust control regulators which work with all of our pedal generators. These are all metal enclosures with over-current protection and high quality sockets used.				
				Additional Requirements:
Control Regulator – 12V DC	A regulator box designed to take the variable output from your pedal generator and provide regulated 12V DC output. Current of up to 15A per pedal generator – but this depends upon the cyclist. Versions available for 1/2/4 bike inputs.	£500.00	CON-12V-1BIKE	1 x pedal generator
		£800.00	CON-12V-2BIKE	2 x pedal generator
		£1,200.00	CON-12V-4BIKE	4 x pedal generator
Control Regulator – 240V AC	A regulator box designed to take the variable output from your pedal generator and provide regulated 240V AC output using an inverter. Current of up to 15A per pedal generator – but this depends upon the cyclist. Versions available for 1/2/4 bike inputs.	£800.00	CON-240V-1BIKE	1 x pedal generator
		£1,100.00	CON-240V-2BIKE	2 x pedal generator
		£1,500.00	CON-240V-4BIKE	4 x pedal generator
Control Regulator – Scalextric	A regulator box designed to take the variable output from your pedal generator and provide regulated outputs for 2/4/8 Scalextric lanes. Each lane has a regulated output voltage. Easy mode for children/Difficult mode for Adults. Works with all our generators. Versions available for 2/4/8 lane systems. Scalextric adaptor piece provided. Track not included (email for options)	£600.00	CON-SCA-2BIKE	2 x pedal generators. Scalextric track.
		£1,000.00	CON-SCA-4BIKE	4 x pedal generators. Scalextric track.
		£2,000.00	CON-SCA-8BIKE	8 x pedal generators. Scalextric track.
Control Regulator – Fairy Lights	Pedal powered fairy lights! With two modes: Pedal and power the lights OR pedal for a while (with energy stored in the box) and then watch the fairy light display run. With 1 or 2 bike inputs. Comes with 5m of LED controllable lights. Lots of options for colours and effects (email for details).	£1,000.00	CON-12V-FAIRY	1 or 2 pedal generators.

Full Systems				
Buy a full systems for your pedal powered event. These systems are ready to set up and go!				
				Additional Requirements:
Energy Bike System	Show Power and Energy concepts with the highly visual system. We provide a 2 bike system with 2 x 2m high LED bar graphs. Great for office environmental awareness events. This can be set-up in different modes: (1) Energy challenge – generate a certain amount of energy (2) Power race – generate the highest power in a set time (3) Energy race – generate as much energy as possible in a set-time. We provide 2 x generators, Control unit with remote control, 2 x 2m high LED displays, 2 x stands for LEDs displays and 1 x Count-down unit.	£5,500.00	SYSTEM-ENR-2BIKE	
Bubble Bike	Great for events with younger folk. This is a BMX bike sized generator which powers a bubble machine. Can produce loads of bubbles. This is a full system with generator, control unit and bubble machine.	£1,200.00	SYSTEM-BUBBLE-1BIKE	
Pedal Sound System	One of our favourite pedal powered activities: a 1,2 or 4 bike pedal powered sound system. This includes pedal generators, control regulator and (200W or 400W) PA system with amplifier, speakers and stands.	£2,000.00	SYSTEM-SOUND-1BIKE	
		£3,000.00	SYSTEM-SOUND-2BIKE	
		£4,500.00	SYSTEM-SOUND-4BIKE	
Pedal Cinema	We can provide 2, 4, or 8+ bike pedal powered cinema systems. These are bespoke, so let us know your requirements.	POA		

Displays and Add-Ons

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<p>Make your pedal powered system even better with these visual and informative add-ons. These can be added to any of the systems listed above. Please confirm at time of ordering, as they cannot easily be retro-fitted.</p>				
LED Bar Graph	<p>These are big and bright 1m high LED bar graphs. They can be used to show power and energy in informative and highly visual ways. The can be full colour controlled and we use them on our energy bike system. They stack and can be used as 1m,2m or 3m high displays. These can be added to any of the above systems if required.</p>		£500.00	ADD-LED-BAR
LED Tube	<p>This is a visual 1m high LED tube. It can be used to show power, energy or voltage. It is 360 degree visibility of the display. Different colour schemes can be used. We use it as a warning to show the voltage is dropping and so people need to pedal more. This can be added to any of the above systems.</p>		£300.00	ADD-LED-VDU
Cuppa-Meter	<p>Display energy using the classic Cup of Tea! This shows energy generated in terms of cups of tea that could be made. Its a great visual way of getting over the concepts of power and energy in an informative way. This can be altered to fit with different themes (energy in banana, for example!).</p>		£700.00	ADD-LED-CUPPA
			£POA	Bespoke systems
LED Matrix	<p>This shows power and energy on a bright LED matrix. Great for showing the power and energy generated by your pedal power system. Power or Energy is shown as a value above a graph of recent power generation. Stand included.</p>		£500.00	ADD-LED-MATRIX

Bespoke Design Systems

We love pedal power. We have been designing pedal power systems for over 15 years and know what works. We love to do things differently and are interested in bespoke commissions and ideas. Please contact us for more information or to have a chat about your idea.

Please note: Prices EXCLUDE delivery which is at cost.

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