

Blinder E-bike lights offer compatibility with a wide range of manufacturers and models. If your system is not listed here, we recommend referring to your bike manufacturer's specifications for your bike's model. Please ensure that the power (W) rating of your e-bike motor lighting output matches or exceeds the power (W) consumption of the E-bike light head to achieve maximum lighting output of the light head**. This ensures optimal performance and functionality, providing you with a safe and reliable lighting solution for your rides.

*Ensure you are referencing the motor's auxiliary lighting output, and not the total Watt output of the motor itself.

**If your e-bike system cannot deliver the required Watts to operate the light at its maximum output, It is possible, through the Power Scaling feature, to reduce the light's power (W) demands to match your e-bikes output. Please refer to the quickstart guide for instructions.

Compatible

Motor supports full lighting output

Compatible

Motor supports light with slight reduction in power output. Selectable through Power Scaling mode on light head.

Compatible

Motor supports light with less than 60% of lighting output. Selectable through Power Scaling mode on light head. We recommend choosing a light with lower output from the range.

Not Compatible

Not compatible with motor

				Blinder E 900 6V (5-14V) DC 8W	Blinder E 1300 12V (5-14V) DC 11W	Blinder E 1800 12V (5-14V) DC 14W	Blinder E 2300 12V (5-14V) 20W	Blinder E 80 (StVZO) 6V (5-14V) DC 6W	Blinder E 120 (StVZO) 6V (5-14V) DC 10W
Bosch	Performance CX	12V	17.4W						
	Active Line (ab 2017)	12V	17.4W						
	Active Line Plus	12V	17.4W						
	Cargo Line	12V	17.4W						
	Performance Line	12V	17.4W						
	Performance CX (Gen3)	12V	17.4W						
	Performance CX (Gen4)	12V	17.4W						
Brose	Gen1	6V	7W						
	Drive-T/Drive TF/Drive CB	6V	7W						
	Drive S Alu	6V	14W						
	Drive T Mag	12V	24W						
	Drive C Mag	12V	24W						
	Drive S Mag	12V	24W						
	Drive S / T / TF / CB	6V	14W						
Specialized	2.0 / 2.0E	12V	24W						
	2.1 / 2.2	12V	24W						
Shimano	Steps E5000	12V	24W						
	Steps E6100	12V	24W						
	Steps E7000	12V	24W						
	Steps E8000	6V	12W						
	EP8 / EP801	12V	24W						
	EP6	12V	24W						
Yamaha	PW-X3	12V	24W						
	PW-XM	12V	24W						
	PWSeriesS2	TBC	TBC						
	PWSeriesC2	TBC	TBC						
	PWSeriesST	TBC	TBC						

PLEASE NOTE:

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E-bike lights are powered via the bike's motor and need to be installed manually. Depending on your bike's battery and model, this might involve some disassembly and extra wiring. Please contact your bike or motor maker for installation instructions. We strongly recommend having a professional e-bike technician install your lights.

To install your Blinder light, first identify your e-bike motor's make and model. Some e-bikes need a specific connector to connect to the motor's lighting port.

The diagram below shows the required connectors for Bosch, Bosch Smart System, Brose, Specialized, and Yamaha motors. For Shimano motors, no extra connector is required—simply connect the Knog e-bike cable directly to the lighting output screw terminals on the shimano motor.

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ALWAYS DISCONNECT
BATTERY BEFORE
INSTALLATION

