

WIRELESS KINETIC NON-DIMMABLE SWITCHES



NO WIRES. NO BATTERIES. NO DRILLING OF HOLE. CAN BE USED
2 WAY/3 WAY AS WELL.

GO BATTERY FREE AND WIRE FREE ON YOUR SWITCHES



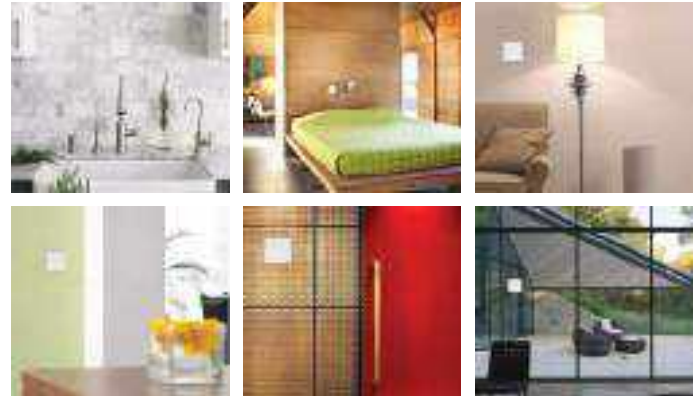
Installers no longer need to be constrained by wiring location, the need to install back boxes or cut holes into walls as ENER-J's Wireless switch can be installed or placed to maximise convenience. ENER-J's wireless switch has a built-in micro energy generator, so the action of pressing the switch generates enough kinetic energy to create and transmit a radio signal. This, in turn, will switch on/off via a receiver (wireless controller) lamps or other loads.

Advantages of using ENER-J's wireless switches include:

- **Wireless** - No piping or wiring required.
- **Eco-friendly** - No battery, no dust, no construction waste.
- **Maintenance free** - No need to ever change the battery.
- **Water-resistance** - The switch can work in wet environment (IP67).
- **Long range** - The reliable RF remote control extends 30m indoor and 100m outdoor.
- **Memory function** - Remembers previous settings.
- **Flexible pairing** - Create multi-location switch.
- **Easy installation** - Takes only 5 minutes to install, with no battery, no WiFi, no BLE, no app required.
- **Durable** - 50 years mechanical lifetime of the switch.
- **Cost saving** - Saves 30% compared to a traditional switch. Reduces manual labour and decreases construction costs by 30%.

ENER-J's wireless switches range offers an inspired solution in smart home technology.

- With a press of the ENER-J's Wireless Switch, enough kinetic energy is generated to create and transmit a radio signal to the Wireless Controller which in turn, will switch lamps or other loads on or off.
- There is no longer the constraint of wiring location and no need to install back boxes or cut holes into walls. Our wireless kinetic switch can be installed or placed to maximize convenience.
- No battery, no wiring to switches and no limits.

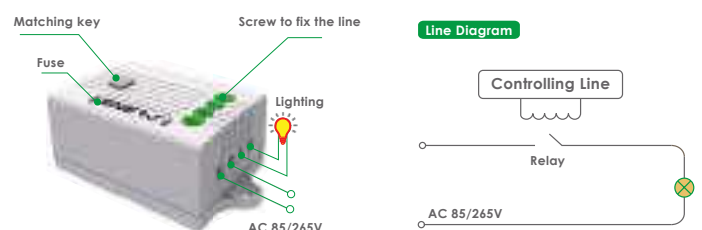


Limitless applications - fast installation in any location, easily place the switch on any surface such as glass, marble, wood and metal.



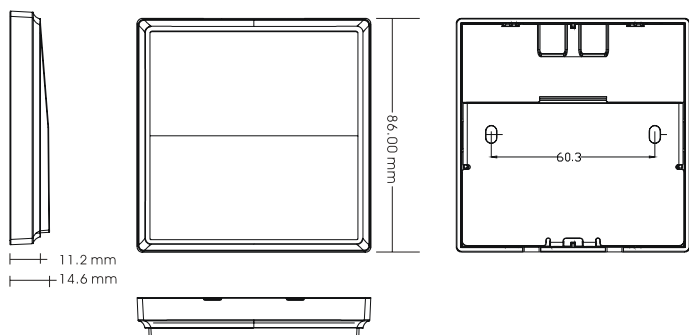
ENER-J's wireless receiver & controller WITH HIGH RELIABILITY

- Can stand 380V AC electric current for 24 hours, over voltage (<600V) will not damage it.
- Max control load - see controller specifications.
- Advanced RF technology, multiple algorithm ensures telecommunication stability.
- For each press and radio transmission, the channel is occupied by the wireless signal for only 1 millisecond, and each transmission is done with 3 septal frames; the control is stable and reliable.
- 32 bit device ID, 4 billion keys, chance of miss control is extremely low.

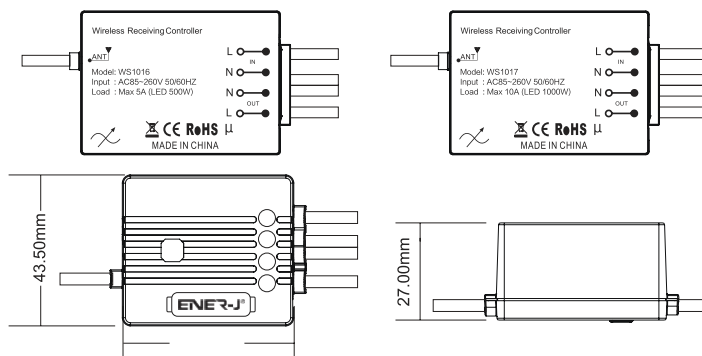


WIRELESS SWITCHES

WIRELESS SWITCH



WIRELESS CONTROLLER



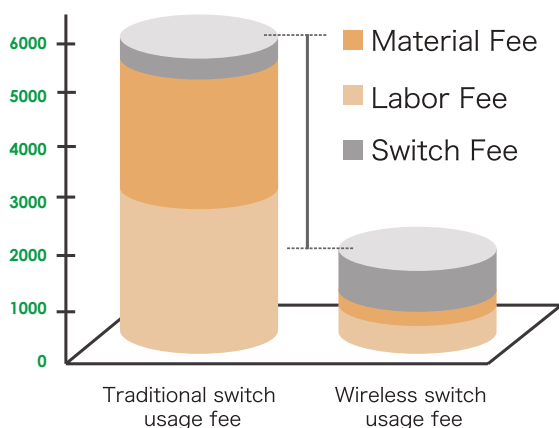
SPECIFICATION - WIRELESS SWITCH

Work type	86 size rocker type
Power source	Micro energy acquisition and self-powered
Communication model	FSK
Work frequency	433MHz
Keys	1-3
Life time	200,000 times on/off
Outline dimensions	L86 x W86 x H14.5mm
Weight	85g-110g
Control distance	160m (outdoor); 30m (indoor)
Control method	Pairing with ENER-J wireless controller

SPECIFICATION - WIRELESS CONTROLLER

Power supply type	AC85V-260V, 50/60Hz
Voltage range	85V-260V
Sensitivity	-116dB
WS1016 - Control load	5A Fused Max load for LED lighting - 500W & 2200W for other loads
WS1017 - Control load	10A Fused Max load for LED lighting - 1000W & 2200W for other loads
Outer shell material	DOW PC (fire) V-0
Weight	25g
Life time	150,000 times on/off
Work environment temperature	-30°C~50°C
Control distance	-160 meter (outdoor); 30 meter (indoor)
CE certificate	CELVD:SGS LVD GZES 1407007368LM
Control method	Pairing with ENER-J wireless switch

Saving up to 60% cost on wiring.



Cost Saving - It reduces labour, reduces construction costs by up to 30% and speeds up the installation of any new light or load.

Constructing and building can make a wide range of usage of wireless kinetic energy technology. saving 50,000,000 batteries every year. Reduced 27,000 meters of wiring, 30,000 kg of PVC piping, and 8,000 kg of carbon emissions in a 50-storey building.

*Maximum loads may vary from manufacturer to manufacturer of the load.

SKU	PRODUCT	COLOUR
WS1013	1 Gang	White
WS1014	2 Gang	White
WS1015	3 Gang	White
WS1021	1 Gang	Silver
WS1022	2 Gang	Silver
WS1016	5A Controller	White
WS1017	10A Controller	White

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