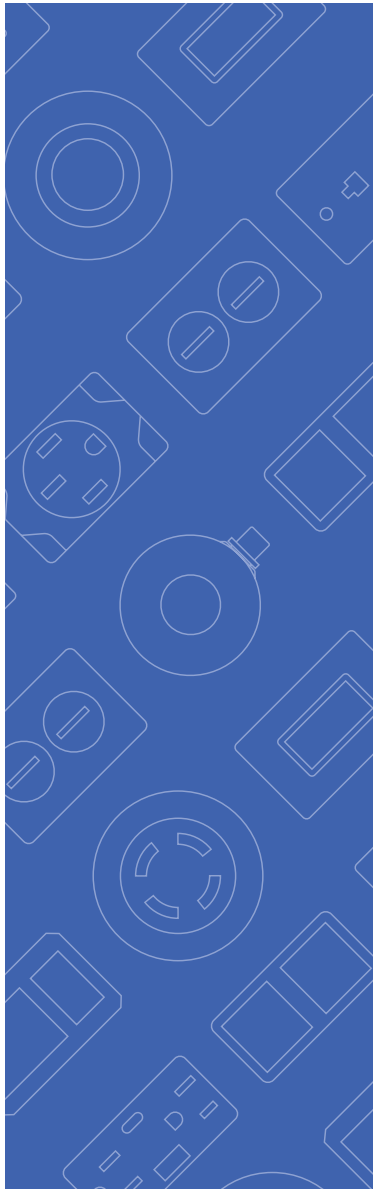# Enerlites®

Control
Charge
Connect

SENSOR
PRODUCT GUIDE

Enerlites®

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ABOUT ENERLITES

Enerlites is a leading manufacturer of innovative sensors, USB charging receptacles, lighting controls, and wiring devices with over twenty years of experience in design and manufacturing. Our product line includes more than 50 patented devices with cutting-edge technology to ensure high energy efficiency and quality. Enerlites production facilities are among the most modern and technically advanced, with automated assembly lines to reduce the chance of human error. The facilities include an onsite lab certified for testing to UL standards. Our commitment to quality and safety is second to none. Every unit is inspected thoroughly throughout the manufacturing process and all applicable products are CA Title 20 and 24 certified, UL or ETL listed, and meet relevant NEC codes.

ASSOCIATIONS

We are an active member of NEMA, helping to develop and maintain high standards in electrical manufacturing and promote the safe use of certified lighting control and wiring devices. As a proud member of NEMRA and NAED, we provide our team with powerful industry-specific tools and stay on top of market trends to appropriately react to changing customer needs.

SUPPORT

The Enerlites team dedicates itself to supporting every facet of the customer experience. We ensure that each inquiry is handled with professionalism and care. Our hands-on customer service team promptly and thoroughly handles all inquiries. We pride ourselves on low return rates and quick turnaround times. We make it a priority to listen to the needs of our customers to ensure complete satisfaction.

APPROACH

Customer needs and evolving technology standards are the driving forces of innovation and production at Enerlites. We design with our customers in mind, whether they be homeowners looking for the latest smart devices or businesses aiming to enhance the customer experience through the latest high-speed USB charging systems. Our products answer to both functionality and aesthetic appeal.

PRODUCTS

Enerlites leads the market in USB charging devices. To date, we've set the market standards for the safest and fastest in-wall USB receptacles. With the integration of Gallium Nitride technology and Power Delivery through USB-C, we are equipped to handle the most modern devices at top speeds. Beyond speed and reliability, Enerlites' USB charging devices cater to heavy use in residential and commercial applications. Interchangeable modules allow for quick changes with minimal effort and cost, while interchangeable face covers come in various colors and give worn outlets an immediate facelift.

Dual technology sensors combine Passive Infrared Technology with Ultrasonic Sensors in our switches to enhance accuracy and detect fine motion. We offer various combinations with different levels of customization settings for broad appeal in residential and commercial applications. This hands-free option promotes energy efficiency and convenience.

In-Wall Sensors

Enerlites®

MODEL#	DESCRIPTION	TECHNOLOGY	SENSOR TYPE	MOUNTING TYPE	SENSING COVERAGE (sq ft)	VOLTAGE	LOAD	FEATURES
HMOS	Wall Switch Occupancy/Vacancy Sensor	PIR	Occupancy Vacancy	In-Wall	180° @ 700	120V 60Hz	5A	Slim, 20m Maximum
HMOS-J*						120/277V 60Hz		
HMVS	Wall Switch Vacancy Sensor		Vacancy			120V 60Hz		
HMVS-J*						120/277V 60Hz		
DWOS-J*	Wall Switch Occupancy Sensor	PIR	Occupancy Vacancy	In-Wall	180° @ 1200	120/277V 60Hz	6.6A	Auto Set
DWOS-3J*						120/277V 60Hz	6.6A	3-Way
DWOS-3R						120V 60Hz	12A	
DWOS-1277						120/277V 60Hz	10A	120/277V
DWOS-1277-NL						120/277V 60Hz	6.6A	Night Light
DWOS-JD*	Wall Switch Dual Relay Occupancy Sensor	PIR	Occupancy Vacancy	In-Wall	180° @ 1200	120/277V 60Hz	6.6A	Bi-level On/Off, Dual Relay
MWOS	Wall Switch Dual Technology Occupancy/Vacancy Sensor	PIR/Ultrasonic	Occupancy Vacancy	In-Wall	PIR: 180° @ 1200 Ultrasonic: 180° @ 400	120/277V 50/60Hz	6.6A	Four Trigger Modes, Walk-Through
DWODS-120	Wall Switch Occupancy Sensor with Dimming	PIR	Occupancy Vacancy	In-Wall	180° @ 1200	120V 60Hz	3A	Two Wire Sensor, Dimming Memory
DWODS-010						120/277V 60Hz	6A @120VAC 3A @277VAC	0-10V Dimming, Dimming Memory

*Ground Wire Required

HMOS

DWOS-J

DWOS-JD

Ceiling Sensors

Enerlites®

	MODEL#	DESCRIPTION	TECHNOLOGY	SENSOR TYPE	MOUNTING TYPE	SENSING COVERAGE (sq ft)	VOLTAGE	LOAD	FEATURES
	MPC-50V	Ceiling Mount PIR OCC Sensor	PIR	Occupancy Vacancy	Ceiling	360° @ 1200	120/277V 60Hz	10A	OCC/VAC
	MPC-50VD	Ceiling Mount PIR Occupancy Sensor with 0-10V Dimming		Occupancy			120/277V 50/60Hz	10A	0-10V Dimming, Bi-Level
	MPC-52V	Self-Contained Ceiling Mount PIR Occupancy Sensor	PIR	Occupancy	Ceiling	360° @ 800	120/277V 60Hz	10A	Self Contained, 5ft Cord
	MPC-52V10								Self Contained, 10ft Cord
	MPC-50H	High Bay Mount PIR Occupancy Sensor	PIR	Occupancy	High Bay	Lense 1: 360° @ 2800 Lense 2: 360° @ 1200	120/277V 50/60Hz	10A	Two Lenses, 50ft Height
	MPC-50HD	High Bay Mount PIR Occupancy Sensor with 0-10V Dimming							Two Lenses, 50ft Height, 0-10V Dimming, Bi-Level
	MDC-50V	Ceiling Mount Dual Technology Occupancy Sensor	PIR/US	Occupancy	Ceiling	360° @ 1200 360° @ 1000	120/277V 50/60Hz	6.6A	Six Trigger Modes, Auto Set
	MPW-V	Corner Mount PIR Occupancy Sensor	PIR	Occupancy	Corner Mount	150° @ 900	120/277V 50/60Hz	6.6A	150 Degrees, Swivel Base
	MDW-V	Corner Mount Dual Technology Occupancy Sensor	PIR	Occupancy	Corner Mount	150° @ 1000 150° @ 800	120/277V 50/60Hz	6.6A	Five Trigger Modes, Walk-Through

MPC-50V

MDC-50V

MPC-52V

Specialty In-Wall Sensors

Enerlites®

MODEL#		DESCRIPTION	TECHNOLOGY	SENSOR TYPE	MOUNTING TYPE	SENSING COVERAGE (sq ft)	VOLTAGE	LOAD	FEATURES
	DWHOS	Dual Technology PIR Humidity Sensor	PIR	Occupancy Vacancy	In-Wall	180° @ 600	120V 60Hz	3A	Dual Relay, Sensor and Humidity
	DWHS	Humidity Sensor	-	Humidity	In-Wall	-	120V 60Hz	3A	Humidity Over-ride
	DWTOS	Dual Technology PIR Fresh Air Sensor	PIR	Occupancy Vacancy	In-Wall	180° @ 600	120V 60Hz	3A	Dual Relay, Sensor and Fresh-Air
	DWTS	Fresh Air Switch	-	Timer	In-Wall	-	120V 60Hz	3A	Automated Fan Control

DWHOS   **DWHS**   **DWTOS**   **DWTS**

Room Controls

Enerlites®

MODEL#	DESCRIPTION	TECHNOLOGY	SENSOR TYPE	MOUNTING TYPE	SENSING COVERAGE (sq ft)	VOLTAGE	LOAD	FEATURES
MPP-24	Room Control Power Pack	-	-	Ceiling	-	120/230 VAC 240/277 VAC 50/60Hz	20A	Normally Closed, Normally Open, Powers Six Sensors
MDC-50L	Ceiling Mount Dual Technology Occupancy Sensor	PIR/Ultrasonic	Occupancy	Ceiling	PIR: 360° @ 1200 Ultrasonic: 360° @ 1000	24V, 20mA	refer to MPP-24	Six Sensors, Six Trigger Modes
MPC-50L	Ceiling Mount PIR Occupancy Sensor	PIR	Occupancy Vacancy	Ceiling	360° @ 1200	24V, 9mA	refer to MPP-24	OCC/VAC up to 6 Sensors
MDW-L	Corner Mount Dual Technology Occupancy Sensor	PIR/Ultrasonic	Occupancy	Corner Mount	PIR: 150° @ 1000 Ultrasonic: 150° @ 800	24V, 40mA	refer to MPP-24	Five Trigger Modes, Walk-Through Mode
MPW-L	Corner Mount PIR Occupancy Sensor	PIR	Occupancy	Corner Mount	150° @ 900	24V, 40mA	refer to MPP-24	150 Degree, Swivel Base
MPL-010	Ceiling Mount Daylight Harvesting Sensor	-	Daylight	Ceiling	360° @ 400	24V, 50mA	50mA	Electronic Ballast Powered, 0-10V Dimming
LVD-101	Single Load 0-10V Dimmer	-	Dimmer	In-Wall	-	24V, 20mA	-	LED indicator, RJ45, Dimming Memory
LVD-102	Dual Load 0-10V Dimmer							
LVS-101	1-Button Wall Switch	-	Switch	In-Wall	-	24V, 20mA	-	ON/OFF, Load LED Indicator
LVS-102	2-Button Wall Switch							Dual Switch, Load LED Indicator
LVS-103	3-Button Wall Switch							Triple Switch, Load LED Indicator
LVS-104	4-Button Wall Switch							Quad Switch, Load LED Indicator
LV-Cat5	Low Voltage RJ45 Coupler	-	Coupler	Ceiling	-	-	-	Six Slot Terminals, Two RJ45

Wireless Plug Load Controls

Enerlites®

MODEL#		DESCRIPTION	TECHNOLOGY	SENSOR TYPE	MOUNTING TYPE	SENSING COVERAGE (sq ft)	VOLTAGE	LOAD	FEATURES
	PLBPC	Ceiling Mount Plug Load PIR Occupancy Sensor	PIR	Occupancy	Ceiling	360° @ 600	2 AA Batteries	-	Battery Operated, Controls Up To Six Receptacles
	PL20R	20A Plug Load Half Controlled	-	Receptacle	In-Wall	-	125 VAC 60Hz	20A	Wireless Half-Controlled Receptacle

PLBPC

PL20R

About Us

Simple household devices we interact with every day, such as light switches or receptacles, are often an afterthought when looking to build or upgrade a space. However, the smallest details really do make the biggest difference in aesthetics. With proper planning, they provide a greater return on investment, too.

Enerlites offers a wide variety of innovative products designed for building and upgrading residential spaces. Our product lines include patented devices that promote energy efficiency and apply cutting-edge technology that expand the meaning of comfort and convenience in the home.

From eco-friendly scalable lighting and guide light solutions to organized charging stations with USB outlets, our products are well-regarded by consumers for their durability and ease of installation.

Every unit is thoroughly inspected throughout the manufacturing process and all applicable products are CA Title 20 and 24 certified, UL or ETC listed, and meet applicable NEC codes.

We are confident that our products will meet your specifications and increase end-user satisfaction.

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