

# SOLAR HYBRID LIGHT

Designed in The UK

## All In One Hybrid LED Street Light

Ideal for use in areas where mains power backup is available.

Dark Skies Compliant / light pollution reduction at 3000K.

Fully automated from dusk until dawn with main power backup & Remote control.

Quick & easy to install for many commercial applications:

New Build & Retrofit infrastructure, Car Parks, Schools, Parks,

Ports, Perimeters & assist CCTV Security, Fly-Tipping & more.

180 degree adjustable spigot for Pole Top or Side Entry Mount.

Design: If you are unsure as to which product to use or its performance within your design then please contact us.



We can help you with choosing the correct product for your specific application or requirement included in our free design service to incorporate any directional or installation issues you may encounter.



**HYBRID2XL**

RoHS  

Images shown are for illustration purposes only & specification is subject to change

Item Number		Specification
<b>40WHYBRID2XL</b>  	LED Power	40W 4800 — 6500 Lumens
	Chipset	SMD 2835
	Solar Panel	18V Mono-Crystalline Silicone
	Battery	LifePO4 Battery 32700 9.6V 12000mAh
	AC Mains	Mains backup 100 - 240 VAC 50/60Hz Class II & 10KV protection
	CCT	3000K 4000K 6500K
	Working Modes	Pre-set modes & Remote Control brightness & timing options
	Lux & PIR Sensor	Fully automated Lux & Motion control
	Beam Angle	140 X 70 TP III
	Material	ABS + PC UV Stabilised Aluminium V0 Fireproof
	Housing Colour	Black
	Rating	IP65 IK09 CE RoHS
	Working Temperature	-20°C ~ 60°C
	Dimensions / Weight	506mm x 305mm x 251mm / 5Kg
	Installation Height	3 - 8m Recommended up to 6m max height for use in Sensor mode
	Warranty	3 Years
	Pole Size	50mm to 60mm Ø
	Mount	Adjustable 180° for Pole Top & Side Entry
	Package	Includes Remote Control & Spigot

# Features

## All In One



180°  
Adjustable

**Strong Build Quality**  
ABS+PC material  
UV Stabilised & Fireproof

### Hybrid Mains Power Backup

100 - 240VAC automated used only if ever needed during unexpected / extreme weather circumstance. Reverts back to using solar power automatically. Saves between 60% to 90% use of mains power.



### Smart PIR Motion Sensor

Automatically switches to full brightness when motion is detected  
Switches down to run at 30% power to preserve battery when no motion detected after 20 seconds



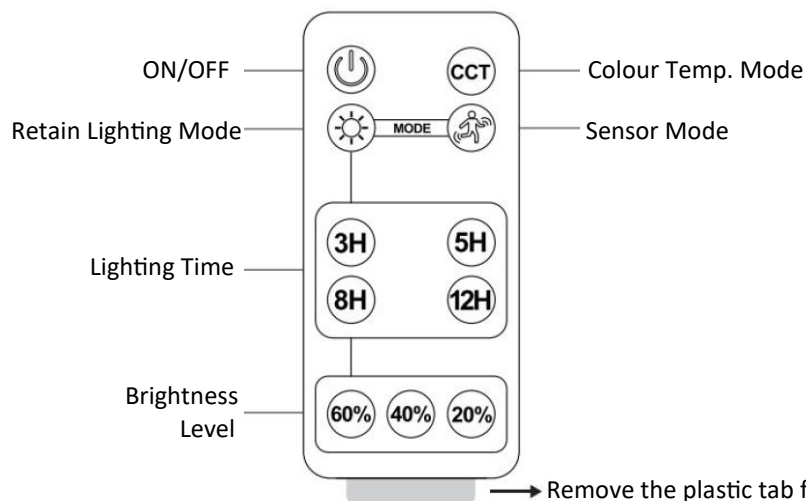
### LED & Lens

High performance LEDs  
PC Optical Lens  
Anti-glare



### LiFePO4 Battery

High capacity 12000mAh / 9.6V

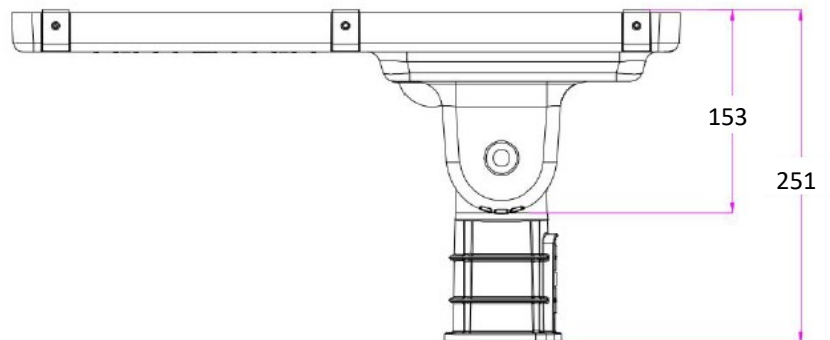
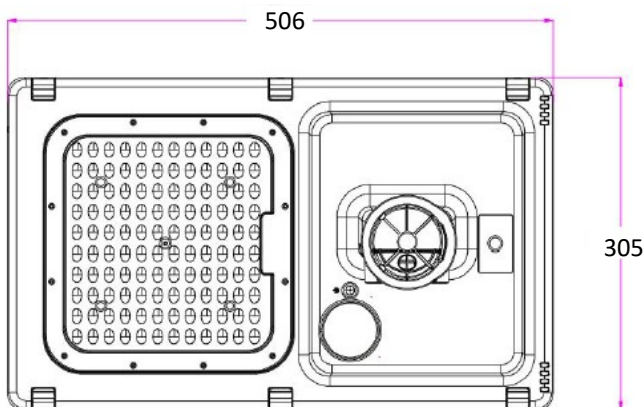


**Outdoor Use**  
IP65 Rated



→ Remove the plastic tab from battery before use

## Dimensions (mm)



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