

X5 PLUS

(Split Type)

SPECIFICATIONS
2020



CE | CB | IP66 | IK08



Monocrystalline
Solar Module



Superior
Outdoor LED



Anti-Typhoon



LiFePO4 Li-ion
Battery



Efficient
Controller

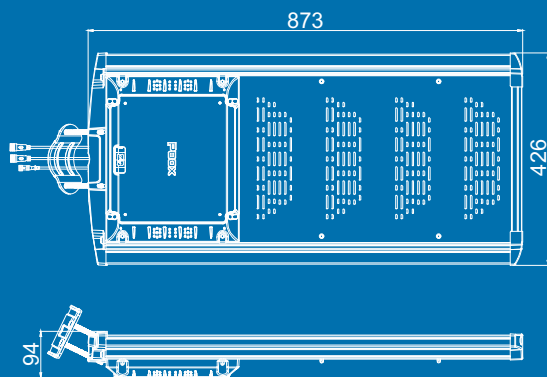


Motion Sensor

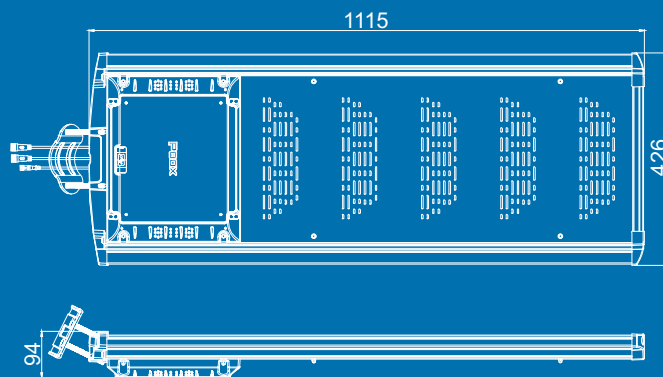


IP65

Physical Dimensions (mm)



X5BL-SL20 / X5BN-SL30



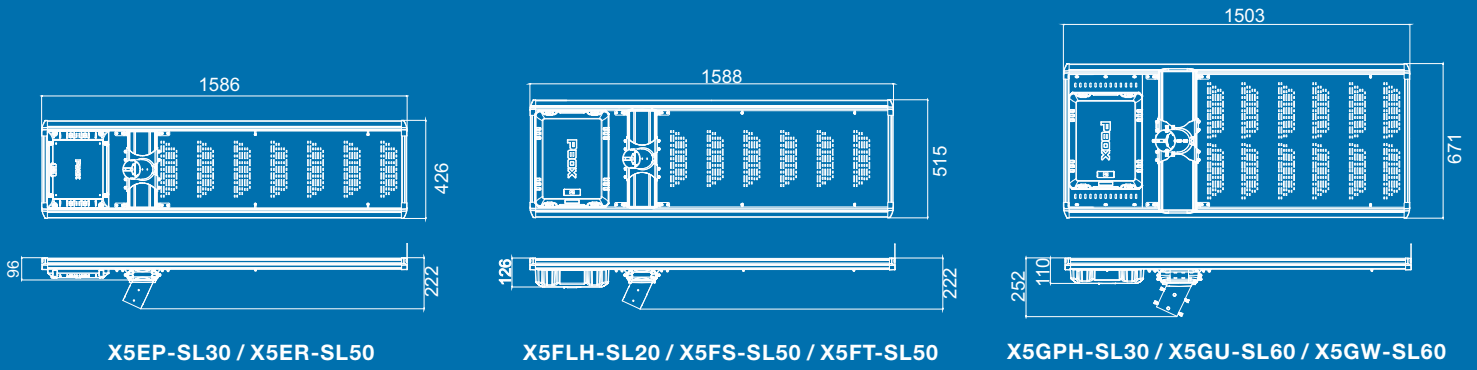
X5CLH-SL15 / X5CP-SL30

√ : Standard, / : N/A

PBOX X5 Solar Engine Technical Data

Model No.	X5BL-SL20	X5BN-SL30	X5CLH-SL15	X5CP-SL30
Physical Parameters				
Power of PV Module (W)	55	55	70	70
LiFePO4 Li-ion Battery Capacity (Wh)	230	308	250	460
Battery Heating Function	/	/	√	/
Net Weight of Product (kg)	10	10.5	12	13.5
Dimension of Carton (mm)	865×426×94	865×426×94	1115×426×94	1115×426×94
Controller Type	Touch-tone controller	Touch-tone controller	Touch-tone controller	Touch-tone controller
Packing Parameters				
Dimension of Carton (mm)	940×260×480	940×260×480	1185×145×480	1185×145×480
Gross Weight of Product (kg)	23	24	14	15
Packing (pcs)	2	2	1	1
Environment Requirements				
Charge Temperature	0°C~60°C	0°C~60°C	-30°C~60°C	0°C~60°C
Discharge Temperature	-20°C~60°C	-20°C~60°C	-30°C~60°C	-20°C~60°C
Storage Temperature	0°C~45°C	0°C~45°C	0°C~45°C	0°C~45°C
Mounting Recommendations				
EPA (effective projected area) (ft ²)	2.06	2.06	2.69	2.69
APA (actual projected area) (ft ²)	1.72	1.72	2.24	2.24
Wind Load Rate (mph)	110	110	130	130
Top of Pole or Tenon OD (mm)	75~90	75~90	75~90	75~90

Physical Dimensions (mm)

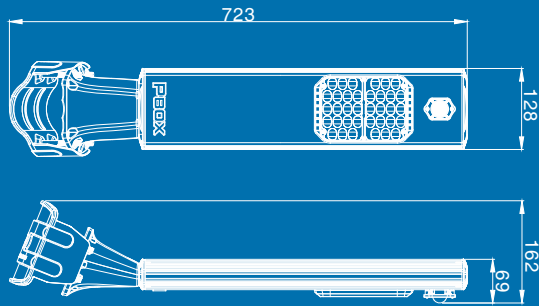


√ : Standard, / : N/A

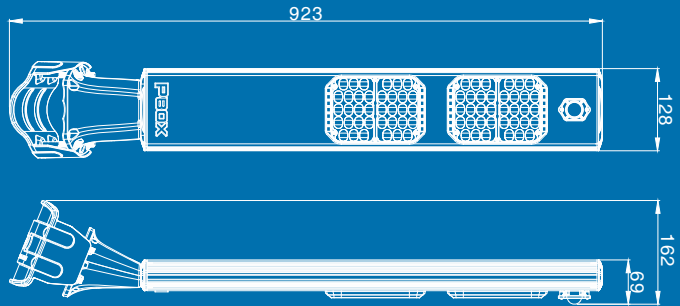
PBOX X5 PLUS Solar Engine Technical Data

Model No.	X5EP-SL30	X5ER-SL50	X5FLH-SL20	X5FS-SL50	X5FT-SL50	X5GPH-SL30	X5GU-SL60	X5GW-SL60	
Physical Parameters									
Power of PV Module (W)	100	100	130	130	130	180	180	180	
LiFePO4 Li-ion Battery Capacity (Wh)	460	615	250	768	832	500	998	1229	
Battery Heating Function	/	/	√	/	/	√	/	/	
Net Weight of Product (kg)	20	21	19	23	25	28	28	30	
Dimension of Carton (mm)	1588x426x98	1588x426x98	1588x515x126	1588x515x98	1588x515x126	1503x671x110	1503x671x110	1503x671x110	
Controller Type	Touch-tone controller								
Light Photosensitivity (lx)	30	30	30	30	30	30	30	30	
Packing Parameters									
Main Package	Carton Size (mm)	1660x145x480	1660x145x480	1660x140x580	1660x140x580	1660x170x580	1575x150x740	1575x150x740	1575x150x740
	Gross Weight (kg)	23	24	22	26	28	32	32	34
Extra Package (for Bracket)	Carton Size (mm)	210x150x190	210x150x190	210x150x190	210x150x190	210x150x190	240x170x260	240x170x260	240x170x260
	Gross Weight (kg)	1.6	1.6	1.6	1.6	1.6	2.6	2.6	2.6
Environment Requirements									
Charge Temperature	0°C~60°C	0°C~60°C	-30°C~60°C	0°C~60°C	0°C~60°C	-30°C~60°C	0°C~60°C	0°C~60°C	
Discharge Temperature	-20°C~60°C	-20°C~60°C	-30°C~60°C	-20°C~60°C	-20°C~60°C	-30°C~60°C	-20°C~60°C	-20°C~60°C	
Storage Temperature	0°C~45°C	0°C~45°C	0°C~45°C	0°C~45°C	0°C~45°C	0°C~45°C	0°C~45°C	0°C~45°C	
Mounting Recommendations									
EPA (effective projected area) (ft ²)	3.69	3.69	4.44	4.44	4.44	5.47	5.47	5.47	
APA (actual projected area) (ft ²)	3.08	3.08	3.7	3.7	3.7	4.56	4.56	4.56	
Wind Load Rate (mph)	130	130	209	130	130	130	130	130	
Top of Pole or Tenon OD (mm)	65~70	65~70	65~70	65~70	65~70	80~85	80~85	80~85	

Physical Dimensions (mm)



SL15 / SL50



SL80

LED Street Light Technical Data

Model No.	SL15	SL50	SL80
Physical Parameters			
Light output (W)	5~15	20~50	50~80
Typical Luminous Flux (lm)	900~2500	3600~8500	8500~13600
Qty. of LED Chips	16	36	2×36
Color Temperature (K)	5000		
Optical Distribution	Bat Wing		
Visual Angle	150°×70°		
PIR Sensor	●		
Net Weight of Product (Kg)	3.5		4.5
Dimension of Product (mm)	723×128×69		923×128×69
Packing Parameters			
Dimension of Carton (mm)	760×220×240		980×220×240
Gross Weight of Product (Kg)	5		6
Storage Temperature	0°C~45°C		
Mounting Recommendation			
Wind Load Rate (mph)	110		
Top of Pole or Tenon OD (mm)	65~90		
Recommended Installation Height (M)	4~6	5~8	8~10
Recommended Installation Distance (M)	10~25	15~30	30~45

Powerband Green Energy Ltd.

4th floor of office building, No.15, Pingbei 2nd road, Nanping industrial park, Zhuhai, China 519000

TEL: 86-756-8680199

FAX: 86-756-8682090

E-mail: sales@pboxlighting.com

www.pboxlighting.com