

**PBOX**<sup>®</sup>  
www.pboxlighting.com



# X5 DUAL

SPECIFICATIONS  
2020

CE | CB | IP65 | IK08



Monocrystalline  
Solar Module



Superior  
Outdoor LED



Anti-Typhoon



LiFePO4 Li-ion  
Battery

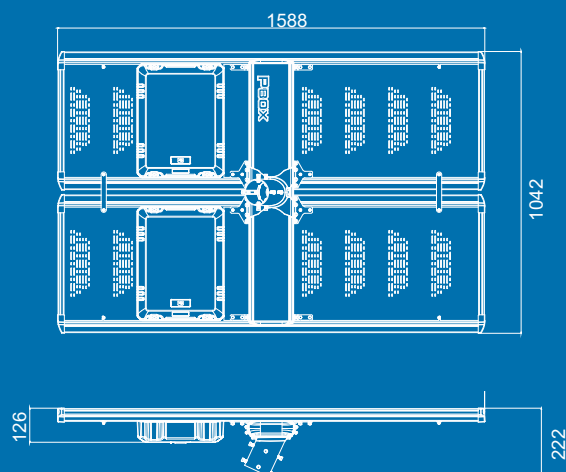


Efficient  
Controller

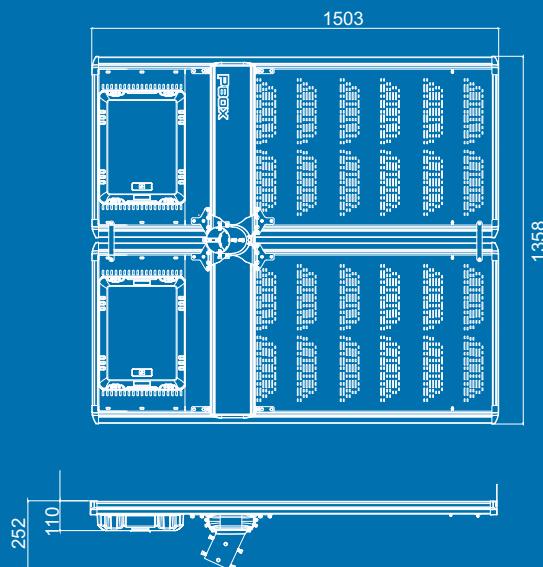


IP65

# Physical Dimensions (mm)



X5FS-40-D / X5FT-40GD

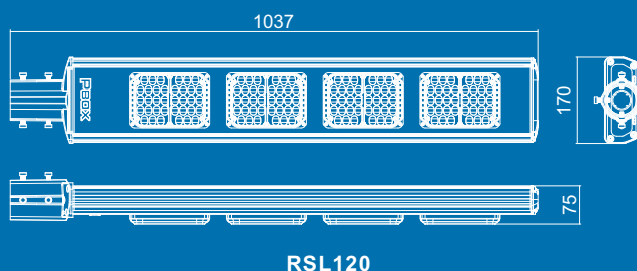
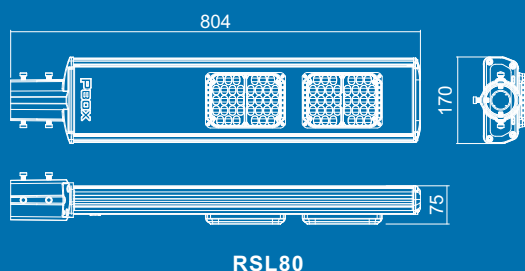


X5GU-50-D / X5GW-50-D

## Solar Engine Technical Data

Model No.	X5FS-40-D	X5FT-40-D	X5GU-50-D	X5GW-50-D
<b>Physical Parameters</b>				
Power of PV Module (W)	130+130	130+130	180+180	180+180
LiFePO4 Li-ion Battery Capacity (Wh)	768+768	832+832	998+998	1229+1229
Net Weight of Product (kg)	52	56	60	63
Dimension of Carton (mm)	1588×1042×126	1588×1042×126	1503×1358×110	1503×1358×110
Controller Type	Touch-tone controller	Touch-tone controller	Touch-tone controller	Touch-tone controller
<b>Packing Parameters</b>				
Main Package	Carton Size (mm)	1660×165×1120	1660×165×1120	1575×150×1435
	Gross Weight (kg)	58	62	66
Extra Package (for Bracket)	Carton Size (mm)	240×170×260	240×170×260	240×170×260
	Gross Weight (kg)	2.6	2.6	2.6
<b>Environment Requirements</b>				
Charge Temperature	0°C~60°C	0°C~60°C	0°C~60°C	0°C~60°C
Discharge Temperature	-20°C~60°C	-20°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
<b>Mounting Recommendations</b>				
EPA (effective projected area) (ft <sup>2</sup> )	8.98	8.98	11.07	11.07
APA (actual projected area) (ft <sup>2</sup> )	7.48	7.48	9.22	9.22
Wind Load Rate (mph)	130	130	130	130
Top of Pole or Tenon OD (mm)	80~85	80~85	80~85	80~85

# Physical Dimensions (mm)



## LED Street Light Technical Data

Model No.	RSL80	RSL120
<b>Physical Parameters</b>		
Qty. of LED Chips (pcs)	4x18	4x24
Net Weight of Product (kg)	5	5.5
Dimension of Product (mm)	804x170x90	1037x170x90
<b>Light Parameters</b>		
Light Output (W)	50~80	80~120
Typical Luminous Flux (lm)	8500~13600	13600~20400
Color Temperature (K)	5000	5000
Lighting Mode	<p>The graph shows the lighting mode's brightness over time. The y-axis is 'Brightness' (25%, 60%, 100%) and the x-axis is 'hrs' (Dusk, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, Dawn). The brightness starts at 100% at dusk, remains constant until 3 hours, then drops to 60% until 6 hours, and finally drops to 25% until dawn.</p>	
<b>Packing Parameters</b>		
Dimension of Carton (mm)	865x260x240	1100x260x240
Gross Weight of Product (kg)	14	16
Packing (pcs)	2	2
<b>Mounting Recommendations</b>		
EPA (effective projected area) (ft <sup>2</sup> )	0.65	0.83
APA (acutal projected area) (ft <sup>2</sup> )	0.54	0.69
Wind Load Rate (mph)	130	130
Arm or Tenon OD (mm)	60	60
Adapter Solar Panel Power System Model	X5FS-40-D / X5FT-40-D	X5GU-50-D / X5GW-50-D

### Powerband Green Energy Ltd.

2nd floor of Science & research building, #1, Pingdong 1st road, Nanping industrial park, Zhuhai, China 519060

TEL: 86-756-8680199 FAX: 86-756-8682090

E-mail: sales@pboxlighting.com

www.pboxlighting.com