

LEADSUN[®]

"Bright Ideas For An Even Brighter Future."



AE5

ULTRON Version

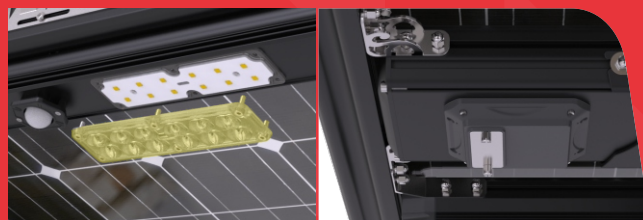
Solar Street Light

CE | IP65 | IK08

ULTRON series is the LEADSUN's latest double-sided solar module with a highly powerful light and claims to be a masterpiece from LEADSUN.

Leadsun integrates the most cutting-edge technology with highly efficient mono crystalline PV module, powerful LiFePO4 batteries and smart controller all incorporated in a sleek design with modular LED lights to adapt to multiple lighting angles to improve the installation, efficiency, experience and superior performance.

With corrosion-resistant aluminum alloy cage, toughened stainless steel components, modular design, IP65 and IK08 rated covers for added strength, the Ultron has been engineered to handle whatever comes its way and extremely durable.



Monocrystalline
Solar Module



Efficient
Controller



LiFePO4 Li-ion
Battery



Motion
Sensor

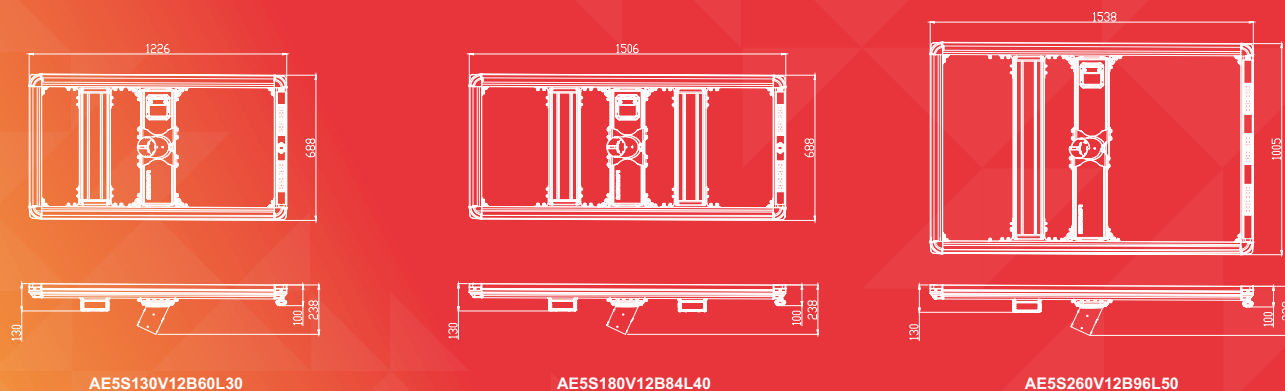


Superior
Outdoor LED



IP65
Waterproof

Physical Dimensions (mm)



AE5S130V12B60L30

AE5S180V12B84L40

AE5S260V12B96L50

TECHNICAL DATA

Model No.		AE5S130V12B60L30	AE5S180V12B84L40	AE5S260V12B96L50
Physical Parameters				
Power of PV Module (W)		130	180	260
Lithium Battery Capacity (Ah/Wh)		60Ah (768Wh)	84Ah (1075Wh)	96Ah (1229Wh)
Optional Lithium Battery Capacity (Wh)		/	768/1382	1382/1536/1843
Qty. of LED Chips (pcs)		12×2	12×2	12×3
PIR Sensor		✓	✓	✓
Net Weight of Product (kg)		30.5	36.8	48.2
Dimension of Product (mm)		1226(L)×688(W)×130(T)	1506(L)×688(W)×130(T)	1538(L)×1005(W)×130(T)
Wireless Control Function(Optional)		✓	✓	✓
Light Parameters				
Light Output (W)		1×30	1×40	1×50
Optional Distribution		Bat Wing	Bat Wing	Bat Wing
Visual Angle		140°×70°	140°×70°	140°×70°
Color Temperature (K)		5000	5000	5000
Typical Luminous Flux (lm)		4500	6000	7500
Working Mode		First 4 hours full brightness; then 100% brightness when motion detected, otherwise keep 20% brightness		
Battery Backup Time (days)		2~3 days	2~3 days	2~3 days
Light Photosensitivity (lx)		30	30	30
Packing Parameters				
Main Package	Carton Size (mm)	1305(L)×180(W)×770(T)	1585(L)×180(W)×770(T)	1650(L)×180(W)×1085(T)
	Gross Weight (kg)	34.5	40.8	52.2
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
Environment Requirement				
Charge Temperature		0℃~60℃	0℃~60℃	0℃~60℃
Discharge Temperature		-20℃~60℃	-20℃~60℃	-20℃~60℃
Storage Temperature		-20℃~45℃	-20℃~45℃	-20℃~45℃
Mounting Recommendation				
EPA (effective projected area) (ft ²)		4.6	5.66	8.46
APA (actual projected area) (ft ²)		3.84	4.71	7.05
Wind Load Rate (mph)		130	130	130
Maximum Bracket Inner Diameter (mm)		90	90	90
Top of Pole or Tenon OD (mm)		80~85	80~85	80~85
Installation Height (m)		6~8	7~10	8~12
Installation Distance (m)		25~35	25~40	30~45

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