



SPUMBA

THE
GREEN
Solution providers

SOLAR LED STREET LIGHTING



Types of Solar Street Lights



Semi – Integrated Solar Light

7 W - 40 W Range

- Inbuilt Battery
- High Number of Charge Cycles
- Less Manual Work



Normal Solar Light

7 W - 100 W Range

- Separate Battery & Panels
- Higher Backup Hours
- More Manual Work

9 W - 75 W Range

- In-built Battery & Panel
- High Number of Charge Cycles
- Easy to Install



Integrated Solar Light

Semi – Integrated Solar Light

7 W - 40 W Range

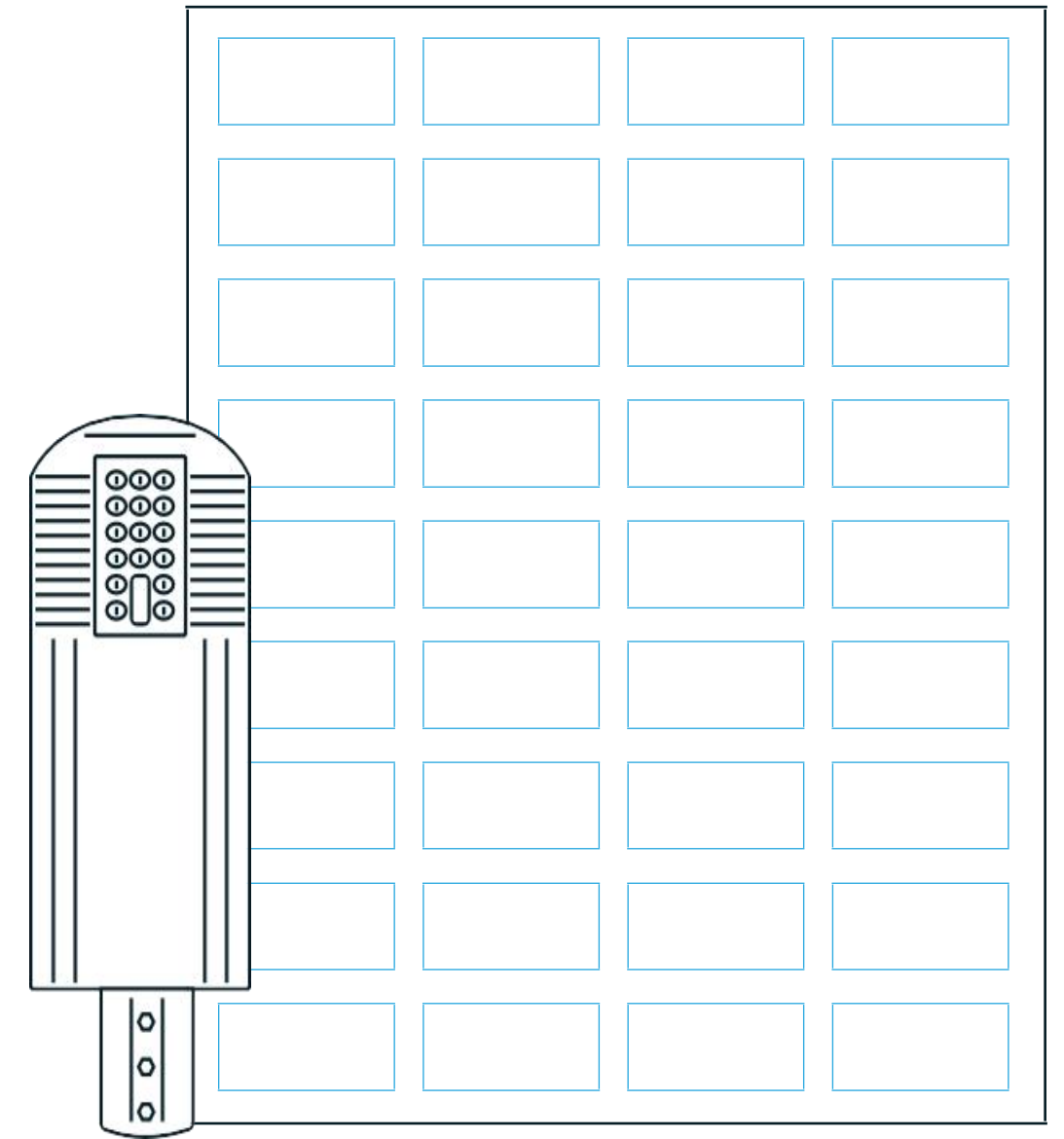


LED Watt	Battery Capacity 12.8 V LiFePO ₄	Recommended Solar Panel
9W	6 Ah	40W
12W	12 Ah	50W
15W	12 Ah	50W
20W	18 Ah	75W
24W	24 Ah	75W
30W	30 Ah	100W
40W	36 Ah	150W



Semi – Integrated Solar Light

LED Lumen Output	130 lm/W
Motion Sensor	Optional
Controller Rating	6A/10A
Dusk to Dawn	Yes
Dimming	Yes
LED Dispersion Angle	120°
LED Life (TA=25°C)	50000 Hrs.
Color Temperature	2700K - 6500K
CRI	70-82
LED Driver Efficiency	>95%
Operating Temp.	-40°C to 60°C
Light Backup Time	Full Night with Dimming



Semi – Integrated Solar Light



Integrated Solar Light

9 W - 75 W Range

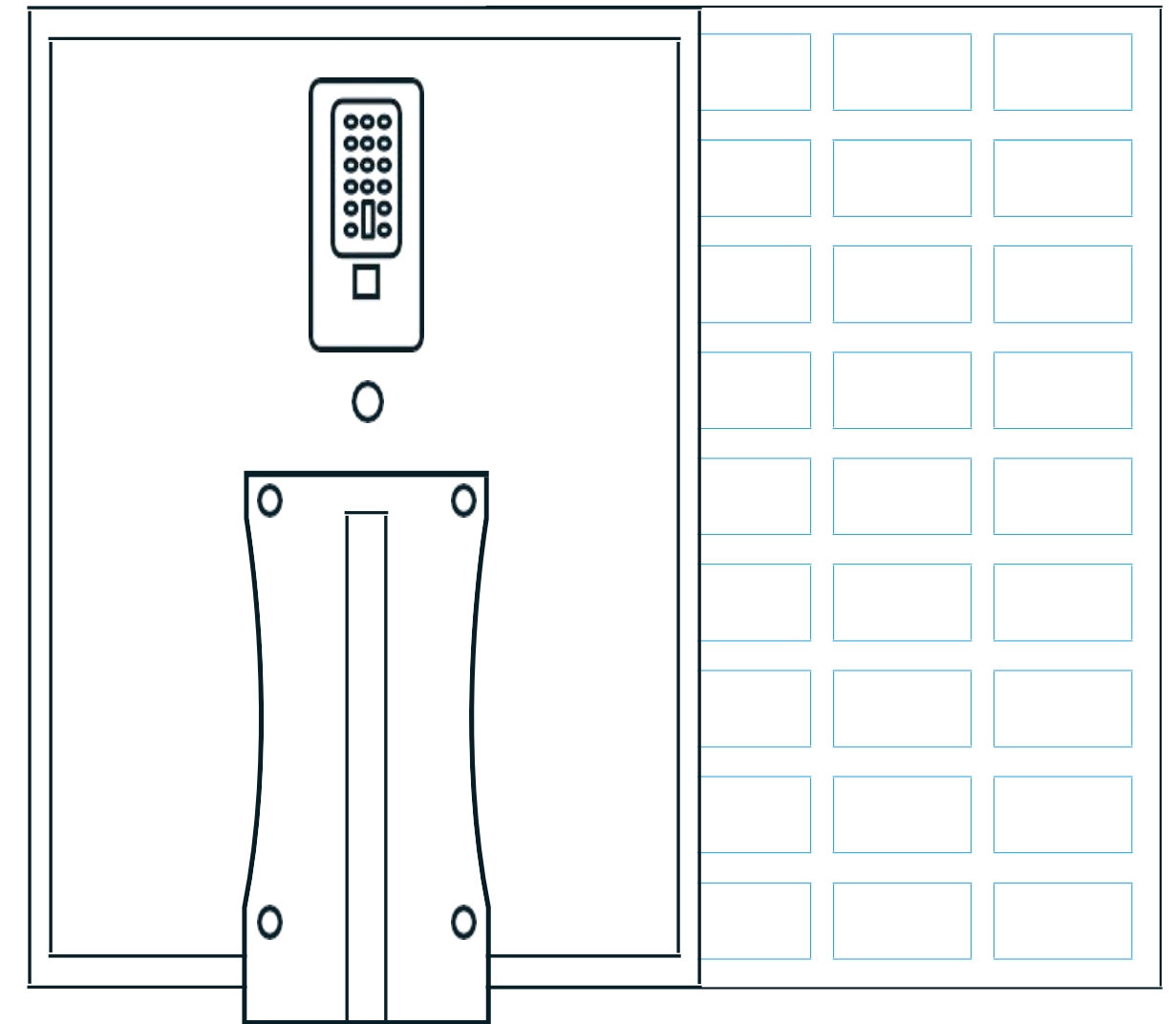


LED Watt	Battery Capacity 12.8 V LiFePO ₄	Recommended Solar Panel
9W	6 Ah	30W
12W	12 Ah	40W
15W	12 Ah	40W
20W	18 Ah	40W
24W	24 Ah	60W
30W	30 Ah	60W
40W	36 Ah	75/80W
60W	36 Ah	75W/80W
75W	36 Ah	100W



Integrated Solar Light

LED Lumen Output	130 lm/W
Solar Panel	Polycrystalline
Motion Sensor	PIR Motion Sensor (10m Range)
Solar Charge Controller Rating	10 A
Dusk to Dawn	Yes
Dimming	Dimming to 1/3 intensity on detecting no movement for more than 30 seconds
LED Dispersion Angle	120°
LED Life (TA=25°C)	50000 Hrs.
Color Temperature	2700K - 6500K
CRI	70-82
LED Driver Efficiency	>95%
Operating Temp.	-40°C to 60°C
Light Backup Time	Full Night with Dimming



Integrated Solar Light



Normal Solar Light

7 W - 100 W Range

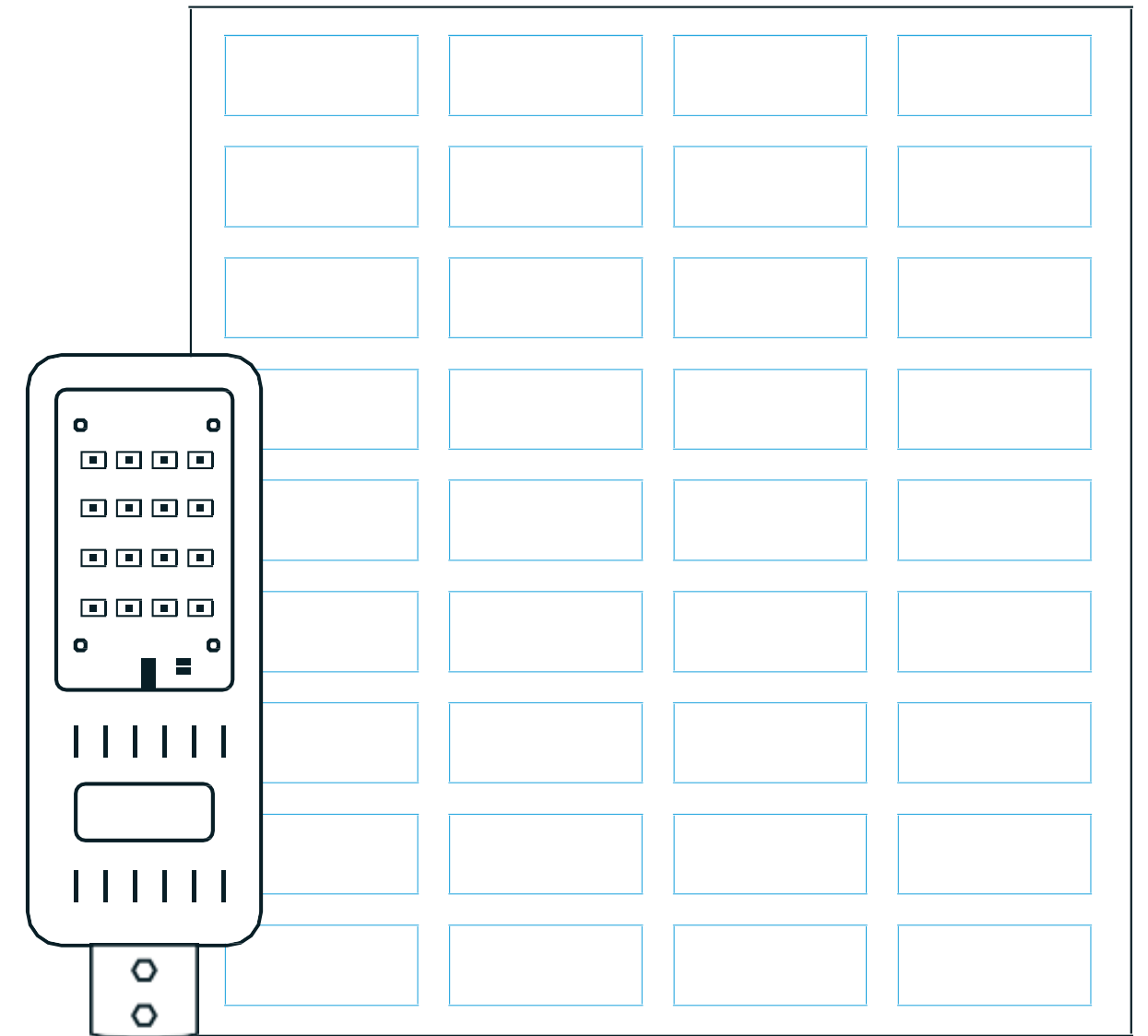


LED Watt	Battery Capacity Exide Battery	Recommended Solar Panel
9W	26 Ah	40W
12W	26 Ah	50W
15W	26/42 Ah	50W
20W	42 Ah	75W
24W	42/65 Ah	75/100W
30W	65 Ah	100W
40W	75 Ah	150W



Normal Solar Light

LED Lumen Output	150 lm/W
Optics	NA
Housing	Aluminium PDC
Frame Colour	Black and Gray
IP Rating	IP66
Operating Temp.	-40 C to 60 C
Input Voltage	12-24V
Lifespan	50000 Hours
Power Factor	>0.95
CCT	2700K - 6500K
CRI	>70
THD	<10%
LED Luminous Flux	190 lm/W
Impact Protection	IK08 (Body & Frame Only)





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Contributing to a **Green** and Clean Future