

Your partner for next-generation lighting

## ST43-PV

Protection class: IP65, IK08  
 Beam diffusion angle: IES type I  
 Colour temperature: 3000K – 5000K  
 Colour rendering index: >70Ra  
 Work in 100% mode: 8 hrs  
 Work in 30% mode: ≥35 hrs  
 Charging time: 7~9 hrs  
 Power supply detector: on ≤10 lux, off ≥15 lux



### Three power rates available

Model	Solar panel	Battery	Luminous flux	L1 xW1 xH1	Net weight
ST43-PV-10W	60W /18V	18AH /12.8V	2100 lm	860 x 426 x 229	14.9kg
ST43-PV-20W	60W /18V	22AH /12.8V	2800 lm	860 x 426 x 229	14.9kg
ST43-PV-30W	60W /18V	27AH /12.8V	4600 lm	860 x 426 x 229	14.9kg

No cable connection is necessary; It is an integrated design that combines high-end LED floodlights, photovoltaic panel/daylight sensor, motion sensor, control module and lithium iron phosphate (LiFePO4) battery.

The system charges during daylight, then turns on at 30% at night. If movement is detected, the lighting level increases to 100%, then decreases again 1 minute after the movement ends.

This street lamp is guaranteed for three years. Intended for road lighting applications, compatible for use in Switzerland. It is also certified as compliant with the latest European lighting standards.

