

SWISS SOLUTIONS LED Street Light SOLAR SL200

Swiss Solutions SOLAR LED SL200 All-In-One

An all-in-one design with high luminous efficacy, featuring high-efficiency mono-crystalline solar panel and a high-capacity battery for extended operation. Integrated smart sensors optimize the runtime of the light, while the removable battery ensures easy maintenance. **Available in standard and premium versions**, it suits various applications. IP66 rating. Available from 10W up to 40W.

With its 200 lumen/W ratio the system provide an enormously high light output for a solar system light fixture. The internal, replaceable battery is LiFePO4 type. The charge time of the battery is >3,5 up to 7.5 hours depending on the model. Operating time (intelligent mode) is 2-3 days or 3-4 depending on the model.

60mm/76mm post-top and side entree mounting are optional. Intelligent mode for long operating time. Equipped with a MPPT (Maximum Power Point Controller) to maximize the energy harvested from the solar panel and safely deliver it to the battery unit. The benefit of the MPPT controller is 15% to 30% more energy out of the exact same type of solar panels compare to the older technology. Better weather and shade management to keep the power flowing efficiently.

The PWM (Pulse With Modulation) controls charging of the battery, prevent overload, detects twilight, controls the night illumination, switch automatically the light off as soon as the solar panel detects daylight and manage the charging process again.

Easy battery replacement after the service life has expired.

Available with 4 different optics, T2 58x162° t25°, T3 79x152° t40°, T4 67x150° t60°, T2 64x145° t30°.



Built-in microwave sensor and timer, dimming can extended the working time.

Article numbers Optic T2 58x162°:



Type number with S = Standard
Type number with P = Premium

Article No.	Description	Watt	Lumen	Battery Wh	Solar panel	lm/W	Charge time	Operation time	Weight kg	Dim. LxWxH mm
83SW5060	Solar LED SL200-010S	10	1.861-2.120 lm	57,6	25W	200	>4,0 hours	2-3 days	4,5	583x239x205
83SW5061	Solar LED SL200-020S	20	3.546-4.047 lm	76,8	25W	200	>5,5 hours	2-3 days	4,6	583x239x205
83SW5062	Solar LED SL200-030S	30	5.472-5.921 lm	115,2	33W	200	>6,0 hours	2-3 days	6,8	800x269x213
83SW5063	Solar LED SL200-040S	40	7.221-7.817 lm	153,6	45W	200	>5,5 hours	2-3 days	7,8	855x305x213
83SW5064	Solar LED SL200-010P	10	1.861-2.120 lm	76,8	25W	200	>3,5 hours	3-4 days	4,7	583x239x205
83SW5065	Solar LED SL200-020P	20	3.546-4.047 lm	153,6	25W	200	>6,5 hours	3-4 days	5,3	583x239x205
83SW5066	Solar LED SL200-030P	30	5.472-5.921 lm	230,4	33W	200	>7,5 hours	3-4 days	8,0	800x269x213
83SW5067	Solar LED SL200-040P	40	7.221-7.817 lm	268,8	45W	200	>6,5 hours	3-4 days	9,0	855x305x213

Article numbers Optic T3 79x152°:

Article No.	Description
83SW5070	Solar LED SL200-010S
83SW5071	Solar LED SL200-020S
83SW5072	Solar LED SL200-030S
83SW5073	Solar LED SL200-040S
83SW5074	Solar LED SL200-010P
83SW5075	Solar LED SL200-020P
83SW5076	Solar LED SL200-030P
83SW5077	Solar LED SL200-040P



Article numbers Optic T4 67x150°:

Article No.	Description
83SW5080	Solar LED SL200-010S
83SW5081	Solar LED SL200-020S
83SW5082	Solar LED SL200-030S
83SW5083	Solar LED SL200-040S
83SW5084	Solar LED SL200-010P
83SW5085	Solar LED SL200-020P
83SW5086	Solar LED SL200-030P
83SW5087	Solar LED SL200-040P



Article numbers Optic T2 64x145°:

Article No.	Description
83SW5090	Solar LED SL200-010S
83SW5091	Solar LED SL200-020S
83SW5092	Solar LED SL200-030S
83SW5093	Solar LED SL200-040S
83SW5094	Solar LED SL200-010P
83SW5095	Solar LED SL200-020P
83SW5096	Solar LED SL200-030P
83SW5097	Solar LED SL200-040P



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