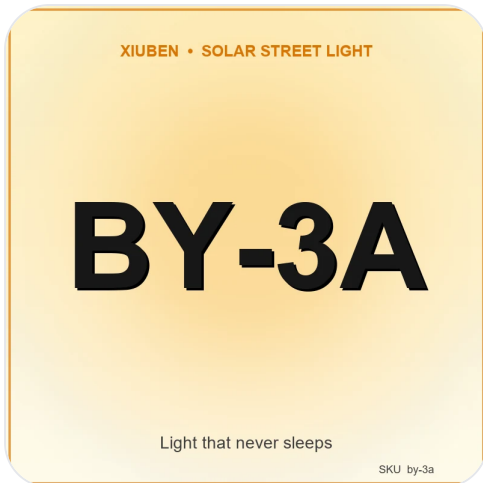




BY-3A Split Solar Street Light

Model · BY-3A

The BY-3A split solar street light separates the LED engine and battery from the solar panel — higher wattage, longer autonomy, easier maintenance. 3.2V 150AH / 3.2V 300AH battery, 8-15m pole.

#split

#by-3a

#by

#xiuben

3 yr

WARRANTY

10 pcs

MOQ

15-25 d

LEAD TIME

01 Specifications

Size	L700*W302*H90MM
LED	SMD 5050 72pcs
Battery	3.2V 150AH / 3.2V 300AH
Solar Panel	6V 150W / 6V 200W
Install Height	8-15m
Material	Aluminum + PC
Warranty	3 years

02 Overview

BY-3A split solar street light is designed for projects that need higher wattage or longer backup than an all-in-one fixture can deliver. The LED engine, LiFePO4 battery pack, and MPPT controller are housed in the lamp head, while

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the solar panel is mounted separately — typically on top of the same pole, or on a dedicated bracket.

The SMD 5050 72pcs configuration delivers 150 lm/W typical output. The 3.2V 150AH / 3.2V 300AH battery paired with the 6V 150W / 6V 200W provides 3-5 days of backup autonomy in overcast conditions. Recommended pole height 8-15m.

Split architecture is the right choice for main roads, highways, and projects where 100W+ output is required. The separated panel can be aimed independently of the light engine for maximum solar harvest, and the battery compartment is accessible for service without taking down the fixture.

03 Get a quote

Send us your project specs — pole height, road width, quantity, target country. We come back with a FOB Zhongshan price, lead time, and a reference project in your region — usually the same day.

WhatsApp · +86 136 0033 9827

Email · sales@xiubensolar.com