All-in-One Solar Street Light A18

Jiangmen Qichen Lighting | Solar LED Street Lighting | Since 2010



Positioning: Ordinary rural branch roads (low-speed vehicles and motorcycles)

Key highlights

Integrated all-in-one design	All-in-one integrated design.
IP65 weatherproof	Sealed housing rated IP65 for outdoor installation.
5-Year Limited Warranty	Backed by a 5-Year Limited Warranty and 10–12 h full-power runtime.
CE & RoHS certified	Compliant with CE and RoHS requirements for EU and general export markets.

MOQ 50 units | Lead time 15 days | Payment T/T 30% deposit + 70% before shipment | Model range: 655 / 955 / 1360 / 1700 mm

Specification & Selection Guide

All-in-One Solar Street Light A18, 4 size configurations.

Model	LED Power	Luminous Flux	Solar Panel	Battery	Lamp Size (L x W x H)	Installation Height	Pole Diameter	Pole Spacing
655mm Model (QC-SL012-60WS)	20 W	2600lm	40 W	35Ah	655 x 360 x 130 mm	4–5m	60 mm	16–20m
955mm Model (QC-SL012-80WS)	35 W	4550lm	60 W	55Ah	955 x 360 x 130 mm	5–6m	60 mm	25–30m
1360mm Model (QC-SL012-100WS)	50 W	6500lm	80 W	75Ah	1360 x 360 x 130 mm	5–6m	60 mm	25–30m
1700mm Model (QC-SL012-120WS)	50 W	6500lm	100 W	95Ah	1700 x 360 x 130 mm	5–6m	60 mm	25–30m

All configurations use a monocrystalline solar panel, a Brand-new Grade A LiFePO4 battery. Charging time 5–6 h, runtime 10–12 h at full charge.

Construction	all-in-one	**Ingress protection**	IP65
Material	aluminum alloy shell + PC diffusion plate	**Warranty**	5-Year Limited Warranty
Battery type	Brand-new Grade A LiFePO4	**Certification**	CE & RoHS certified

Product detail



Integrated lamp body

Highly integrated design featuring a full-back integrated photovoltaic panel and a front-mounted independent control box, combined with modular LED lens arrays for intuitive battery monitoring and manual power control.

Note: dimensional drawings (top / front / side views) are available on request. The table above gives exact body dimensions for every size configuration.

Certification & Applications

CE & RoHS certified	IP65
Compliance with CE (EMC & LVD) and RoHS directives for the European market.	Dust-tight and weather-protected housing for outdoor installation.

Certificate numbers are available on request - please contact us for the current test reports and declaration of conformity.

1. 4–5 m installation: Ordinary rural branch roads (low-speed vehicles and motorcycles)
2. 5–6 m installation: In-plant or mining-area roads, Main roads of large villages and suburban branch roads

Product appearance



Packing: every configuration ships in a master carton of 2 pcs. Master carton dimensions - 655 mm tier: 75×38×109 cm; 955 mm tier: 105×38×109 cm; 1360 mm tier: 141.5×38×109 cm; 1700 mm tier: 1720×38×109 cm. Bulk packing and OEM packaging are available on request.