

All-in-One Solar Street Light A12

Jiangmen Qichen Lighting | Solar LED Street Lighting | Since 2010



Positioning: Rural footpaths and narrow village lanes (pedestrians and light motorcycle traffic)

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: 490 mm

Specification & Selection Guide

All-in-One Solar Street Light A12, 4 size configurations.

Model	LED Power	Luminous Flux	Solar Panel	Battery	Lamp Size (L x W x H)	Installation Height	Pole Diameter	Pole Spacing
490mm 15Ah (QC-SL006-100WS)	10 W	1300lm	20 W	15Ah	490 x 205 x 80 mm	3–4m	60 mm	12–15m
490mm 25Ah (QC-SL006-150WS)	15 W	1950lm	30 W	25Ah	490 x 205 x 80 mm	3–4m	60 mm	15–20m
490mm 35Ah (QC-SL006-200WS)	20 W	2600lm	40 W	35Ah	490 x 205 x 80 mm	4–5m	60 mm	16–20m
490mm 45Ah (QC-SL006-250WS)	30 W	3900lm	50 W	45Ah	490 x 205 x 80 mm	5–6m	60 mm	20–25m

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	Metal stamping parts+ 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 3–4 m installation: General village lighting, narrow village lanes (pedestrians and light motorcycle traffic) and Rural footpaths
- 2 4–5 m installation: Ordinary rural branch roads (low-speed vehicles and motorcycles)
- 3 5–6 m installation: Main village roads and primary rural roads

Product appearance



Packing: Bulk packing and OEM packaging are available on request.