

12.8 V / 25.6 V SOLAR STREET LIGHT BATTERY

Sealed outdoor packs for solar street lighting, mounted behind the panel or on the pole to save installation space.

Models	6	Nominal voltage	12.8 V / 25.6 V	Capacity range	30 Ah - 60 Ah
Energy range	384 Wh - 1,536 Wh	Warranty	3 years	MOQ	10 units (samples from 1)

ELECTRICAL SPECIFICATION

MODEL	FT-1230	FT-1254	FT-1260	FT-2430	FT-2454	FT-2460
Nominal capacity	30 Ah	54 Ah	60 Ah	30 Ah	54 Ah	60 Ah
Nominal energy	384 Wh	691 Wh	760 Wh	760 Wh	1,382 Wh	1,536 Wh
Nominal voltage	12.8 V	12.8 V	12.8 V	25.6 V	25.6 V	25.6 V
Charging voltage	14.6 V	14.6 V	14.6 V	29.2 V	29.2 V	29.2 V
Cut-off voltage	10 V	10 V	10 V	20 V	20 V	20 V
Cell configuration	4S	4S	4S	8S	8S	8S
Max. charge current	15 A	30 A	30 A	20 A	30 A	30 A
Max. discharge current	15 A	30 A	30 A	20 A	30 A	30 A
Max. discharge power	192 W	384 W	384 W	512 W	760 W	760 W
Cycle life	≥ 2,000 cycles	≥ 2,000 cycles	≥ 2,000 cycles	≥ 2,000 cycles	≥ 2,000 cycles	≥ 2,000 cycles

MECHANICAL AND ENVIRONMENTAL

MODEL	FT-1230	FT-1254	FT-1260	FT-2430	FT-2454	FT-2460
IP rating	IP67	IP67	IP67	IP67	IP67	IP67
Product size (L×W×H)	310 × 147 × 103 mm	450 × 100 × 150 mm	455 × 147 × 103 mm	455 × 147 × 103 mm	810 × 150 × 105 mm	826 × 147 × 103 mm
Net weight	≈ 5 kg	≈ 7 kg	≈ 10 kg	≈ 10 kg	≈ 12 kg	≈ 15 kg
Case material	Metal	Metal	Metal	Metal	Metal	Metal
Mounting	Behind the solar panel or on the pole	Behind the solar panel or on the pole	Behind the solar panel or on the pole	Behind the solar panel or on the pole	Behind the solar panel or on the pole	Behind the solar panel or on the pole
Charging temperature	0 ~ 50 °C	0 ~ 50 °C	0 ~ 50 °C	0 ~ 50 °C	0 ~ 50 °C	0 ~ 50 °C

MODEL	FT-1230	FT-1254	FT-1260	FT-2430	FT-2454	FT-2460
Discharging temperature	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C

BMS PROTECTION, CERTIFICATION AND SUPPLY

BMS protection	Overcharge protection, over-discharge protection, over-current protection, short-circuit protection and over-temperature protection.	Certification	UN 38.3, MSDS, FCC, CE (product-level, per catalogue). Request the certificate that names your model and destination market.
Case material	Metal, IP67	Options	Bracket and cable length to customer drawing
OEM / ODM	Cells, BMS parameters and protocol, enclosure, terminal layout, label and packaging built to specification.	Lead time	Samples 7-10 days. Production 25-35 days, subject to configuration and volume.

Quotation on request. Price depends on model, quantity, application, customisation and delivery terms. Send the model code and form factor, destination country, target quantity and any BMS protocol requirement to **info@safecloudpower.com** or +86 132 4240 7897. Shenzhen Safecloud Energy Inc., Building 17, Zhongpengcheng Industrial Park, Matian Street, Guangming District, Shenzhen. Production bases in Henan and Anhui.