Blue Guardian M1 Solar Floodlights

E-ABLE POWER | Product selection data | 01 November 2026

Specification	M1-200W	M1-400W	M1-600W	M1-1000W	M1-1500W	M1-2000W
Light output	1610 lm	2613 lm	3169 lm	3915 lm	4550 lm	6480 lm
LiFePO4 battery	18 Ah	30 Ah	36 Ah	45 Ah	54 Ah	108 Ah
Panel rating	35 W / 5 V	45 W / 5 V	50 W / 5 V	55 W / 5 V	60 W / 5 V	90 W / 5 V
Panel size (mm)	450 x 350	500 x 400	550 x 400	600 x 400	670 x 445	690 x 670
Body size (mm)	275 x 235 x 56	315 x 267 x 61	365 x 310 x 64	410 x 350 x 68	410 x 350 x 68	410 x 350 x 68
SMD5054 LED count	68	101	132	175	175	175
Suggested height	3-4 m	4-5 m	5-6 m	5-7 m	6-8 m	8-9 m
Cable / XT60	3 m	3 m	3 m	3 m	3 m	2.5 m
Units / carton	7	6	5	3	2	2
Carton size (cm)	65 x 47.5 x 38.5	62 x 52.5 x 43.5	58 x 52 x 43.5	63 x 33.5 x 43.5	70 x 23 x 48	75.5 x 28 x 73.5
Carton gross mass	21.8 kg	26.9 kg	26.1 kg	17.6 kg	14.2 kg	21.8 kg

Construction: Die-cast aluminium housing, polycarbonate lens, IP66. Standard colour temperature: 6,500-7,000 K. Panel and lamp are supplied as a set.

Control: Automatic light control and remote control. Optional radar configuration must be confirmed, especially for the engineering-grade M1-2000W.

Model label: W in the model name is the factory product class, not actual electrical consumption. Runtime and coverage depend on installation, weather and operating mode.

Source: supplied manufacturer datasheet p.2 and quotation EAP-20261022-MJ-01. Dimensions and packing are source values; confirm the ordered configuration.