



High Brightness HL02-Solar flood Light

Solar flood light is a highly efficient solar light with high capacity Lithium Ion batteries and a fast charging Monocrystalline silicon solar panel. This means that even on cloudy and rainy days, it will re-charge efficiently. The high battery capacity gives enough power for multiple nights, even when there is little light during the day. The high lumen light output is bright enough to illuminate areas off up to 200m².

Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Product data

General information		Controls and dimming	
Driver included	Yes	Dimmable	Preset Dimming
Optical cover/lens type	L [Lens]	Configurability	Configurable
Cable	1 m cable for solar panel connection included		
CE mark	CE mark	Mechanical and housing	
Warranty period	5 years	100W	200W
Material	Pressure die cast aluminium	Overall length	200 mm 250 mm
		Overall width	25 mm 25 mm
		Overall height	170 mm 200 mm
		Colour	Black
Operating and electrical		Approval and application	
Battery type	Lithium Ferro Phosphate	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Battery ampere hour	15 Ah 20 Ah	Mech. impact protection code	IK06 [1 J]
Battery voltage	3.2 V 3.2 V		
Panel type	Mono Solar Panel	Initial performance (IEC compliant)	
Panel voltage	6 V 6 V	100W	200W
Panel peak wattage	20 W 25 W	Initial luminous flux (system flux)	1800 lm 2800 lm
Charge controller type	MPPT	Initial LED luminaire efficacy	195 lm/W
Charge controller wattage	20 W 25 W	Init. Corr. Colour Temperature	3000-8000 K

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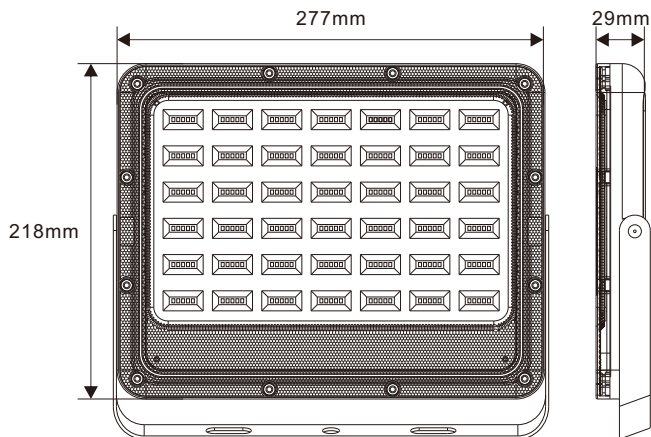
Init. Colour rendering index	>80
Application conditions	
Ambient temperature range	0 to +50 °C
Solar dimming profile	Five preset dimming profile selectable by remote controller
Grid connection type	Off grid
Battery location	Inbuilt

Product data	100W	200W
Full product code	NX2022SFL-100	NX2022SFL-200
Quantity per pack	1	1
Packs per outer box	5	5
Box size	390 x 330 x 380 mm	485 x 330 x 375 mm

IP65 IK06

Dimensional drawing

HL02-100W



HL02-200W

