PIOLED LIGHTING
SINCE 2008

2 YEAR WARRANTY

Karu Solar Floodlight

500W

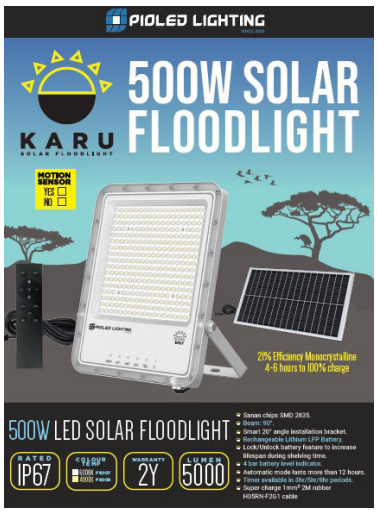


Applications:
Residential and Commercial Applications.

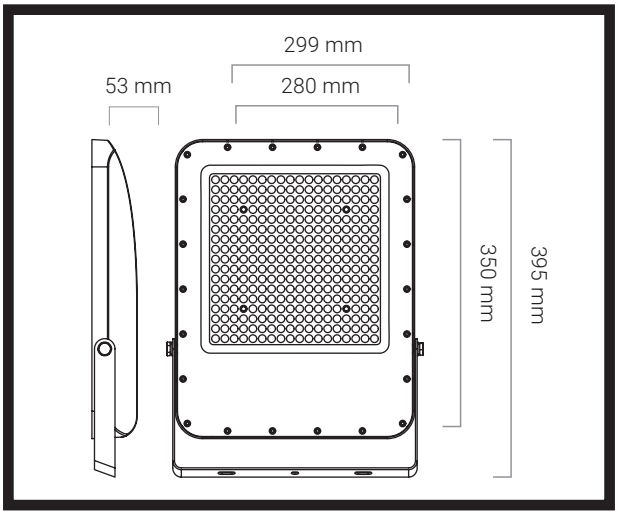
- Lithium LFP Battery powered LED Solar Flood available in wattages of 50W, 100W, 200W & 500W.
- Die-Cast Aluminium body serving as an effective heatsink whilst providing added protection to the housing.
- 8m range controller with multiple setting selections. Timer for 3/5/8hrs usage or an Automatic Mode which will allow for 12hrs usage.
- 4-bar battery level indicator allowing you to see how much charge your battery has stored. The batteries can also be changed out at a later stage if required.
- 2m Standard Installation Cable with an additional 3m available as an accessory, ensuring your floodlights installation can be in even the most complex places.
- 21% efficiency Monocrystalline solar panels and 1.0mm² thick cable allowing for a faster charge with a longer lifespan, even in cloudy days.
- Lock/Unlock battery setting to preserve the battery during shipping and throughout its shelf-life.

Product Performance	
Wattage	500W
Colour Temperature & Stock Code	• 6000K - **FS007** • 4000K - **FS008**
Operating Temperature	-25~45°C
Life Span/ LB Rating	-
IP Rating	IP67
Beam Angle	90°
Impact Protection Grade	IK06
Input Voltage	17.5-19.5V
Surge Protection	-
CRI	>70
Lumen Output	5000 Lumens
LED Chips	2835
LED Chips Qty	302
LED Chip Brand	Sanan
Dimmable	Yes by Remote Control
Dimmable Range	-
(Dali/Trailing/Leading)	-
UGR	-
Physical Characteristics	
Weight (g)	4000
Housing Material	Aluminum
Product Dimensions (mm)	310*400*55mm
Cable Length	100cm + 100cm (from the panel)
Mounting Option	Surface mount
Bracket Material	Stainless iron
Bolts and Screws	Stainless steel

Packaging



Dimension Drawing



Technical Parameters	
Input Current	2.8A
Output Voltage	28-30V
Flicker(Y/N)	No Flicker
Humidity	0~35°C
Frequency	-
In Rush Current	-
Output Current	1A
THD	-
TA & TC	90&85
IES (Yes or No)	No
Regulatory Qualifications	
Class Rating	Class III
Energy Efficiency	A
Certification	CE, EMC, MSDS, UN38.3
Accessories	
Optional accessories	**FS014** - Lithium LFP Battery 24A/9.6V 32700 x 12 for 500W **FS010** - 3M 1.0mm² Cable
Packaging info	
Storage Temp	20~+45°
Carton Size (mm)	74*15.5*43
QTY/CTN	1
Net Weight	8,93
Gross Weight	11,32

PIOLED LIGHTING
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Karu Solar Panel

50W



Applications:
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Product Performance	
Wattage	50W (21% efficiency Monocrystalline solar panel)
Stock Code	FS007/8
Operating Temperature	0~35°C
IP Rating	IP65
CRI	>70
Physical Characteristics	
Weight (kg)	4.40
Product Dimensions (mm)	400*700*25mm
Bracket Material	Iron
Bolts and Screws	Stainless steel
Output Voltage	18V
Flicker(Y/N)	No Flicker
Humidity	0~35°C
Output Current	2.7A
TA & TC	90&85
Energy Efficiency	A
Packaging info	
Storage Temp	20~+45°
Carton Size (mm)	74*15.5*43
QTY/CTN	1
Net Weight	8,93
Gross Weight	11,32

Packaging



Dimension Drawing

