





SOLAR FLOOD LIGHT 400W NOOR SERIES LUMINATION

OVERVIEW

A solar-powered outdoor lighting solution designed to provide reliable illumination without direct connection to the electrical grid. It uses a separate solar panel to collect energy during the day and support lighting after dark. Its key advantage is flexible installation with reduced dependence on mains power and external wiring. Suitable for residential exteriors, entrances, gardens, pathways, parking areas and other outdoor spaces requiring practical standalone lighting.

PRODUCT VARIANTS & TECHNICAL DATA

Code	Type / Description	Wattage(W)	Total Luminous Flux(lm)	Luminous Efficacy(lm/W)	Beam Angle	CRI (Ra)	IP Rating
USF1NR04006	6500K, إضاءة طاقة شمسية	400	3200	80	160°	>70	66

TECHNICAL INFORMATION

Product Face Size (mm)	310*250*55
Product Weight (gr)	1650
Life Time(Hrs)	25000
Ambient Temperature(Ta)	-20 , +50
Operating Temperature	-20 , +50

SOLAR PANEL DATA

Wattage(W)	25
Solar Panel Voltage(V)	6
Panel Size(mm)	350*530*17
Material	monocrystalline silicon

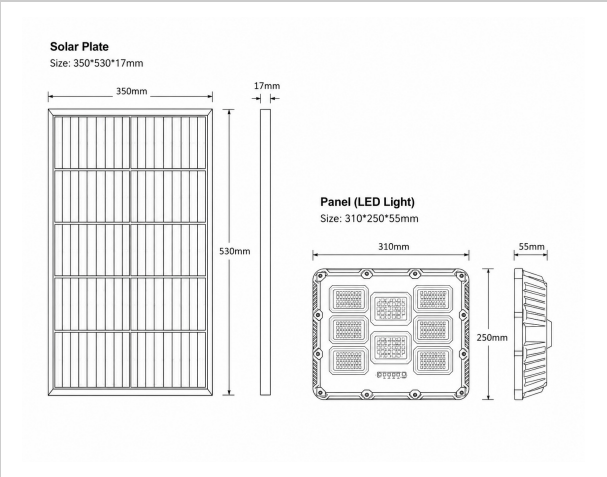
BATTERY DATA

Battery Type	Lithium-ion
Battery Nominal Voltage(V)	3.2
Battery Capacity(mAh)	20000
Charging Time(h)	6-8
Working Time(h)	>12

CONTROL SYSTEM DATA

Control Method	Remote Control
Sensor Type	No

DIMENSION DRAWINGS



GENERAL INFORMATION

Mounting Type	Adjustable Bracket
Product Materials	Plastic Housing

APPLICATION AREAS

- Rural & Remote Areas: farmhouses, farms, remote sites and perimeter areas
- Commercial & Public Areas: parking areas, parks, building exteriors and access routes
- Residential Areas: villa entrances, gardens, pathways and outdoor yards



