

Lighting - signal led lantern FSS - 4M



The lantern FSS-4M is designed for use in extreme conditions in absence of central and local electric mains as well as other lightning and signaling sources.

The lantern can be used for:

- area or objects illumination;
- prearranged signals injection by means of continuous or flashing light (red, blue, green, yellow);
- authentication of documents, banknotes, etc.;
- flashing light (red, flashing).

The lantern is powered by its own batteries that can be charged by means of solar battery or electric mains 220V.

Built-in solar battery provides continuous autonomous battery charging in the presence of artificial or natural lightning.

That ensures their steady operational condition and practically unlimited lantern usage time.

The solar battery manufactured with three-stage anamorphous silicone technology is proof against external influence (shock, bend, shaking, moisture etc.).

In the lantern are used solid state shockproof white-lunar LEDs that are dozens of times more energy-conserving than traditional sources. Their lifetime is more than 100000 hours. The lantern has splash-proof construction.

SPECIFICATION OF THE LANTERN FSS-4M

Continuous luminosity at fully charged battery in three white LEDs mode, hours	min 6
Spot light distance in full darkness, m	min 50
Light intensity of illumination source: 1st mode, 3rd mode, candles	20,60
Rechargeable battery capacity. Ah	1,3
Solar array power, mW	min 280*
White light source consumption power, mA	20
Charging time from the mains 220 V 50 Hz, h	10
Charging time from the solar battery, h	10
Operating temperature, PC	-10+50
Operation life, years	3
Overall dimensions, mm	145x65x24
Weight, g	250

* Power at the sunlight intensity 1000*50 W/m², atmospheric mass 1,5 and temperature 25±50C.

Package includes:

- the lantern;
- electric cord for 220 V mains;
- technical certificate.