



Order-Number
008 477 01x 631



Application
Usage on floating Aids to Navigations.

The **PINTSCH BAMAG** LED solar compact unit of the type **SKE 4x27pW** is a self-contained solar power supply with a LED marine lantern of the type **LEDmin MKII**. It is intended for use as a LED Aids to Navigation on floating navigational aids. The LED marine lantern of the type **LEDmin MKII** covers a range up to 8 NM (ATF=0.741) and is available with a vertical light distribution angle of 8°, 10°, 18° or 30° (FWHM). The solar compact unit is available with red, green, white or yellow light colour. A maintenance-free Pb-Gel battery and a solar charge regulator are integrated into the housing. The solar modules are mounted at an angle of 5°. All metallic parts and fittings are seawater resistant. Air vents ensure a sufficient air exchange and avoid condensation of water inside the housing.

- Long service life
- Maintenance-free
- Pb-Gel battery – up to 8 year service
- 4 solar modules each 27pW
- Integrated solar charge regulator
- Marine lantern from type LEDmin MKII – range up to 8 NM
- Housing of UV and seawater resistant Polyethylene
- Degree of Protection IP 65
- **Optional:**
- Remote monitoring system CoDeSy MKII
- GPS Synchronization
- Radar reflector
- AIS



A08 477 010-954 (01/09 gb)

Technical data

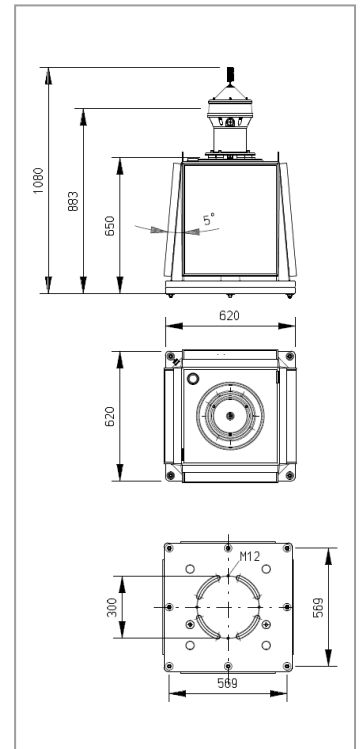
Nominal voltage:	12 V _{DC}
Battery:	Pb-Gel VRLA battery
Battery rating (C ₁₀₀ at 20° C):	60Ah / 85Ah or 130Ah
Battery service life:	up to 8 years
Solar module:	4 x 27pW
Operating temperature:	-25° ... +50° C
Storage temperature:	-40° ... +50° C
Rel. air humidity:	max. 98%
Degree of protection:	IP65 (acc. DIN 40050)
Dimensions (l x b x h):	620 x 620 x 1591 mm
Weight:	60 – 80 kg, according design

LED – marine lantern LEDmin MKII*

Power consumption:	2-14 W (restricted to geographical site of operation)
Max. light intensity I ₀ :	up to 500 cd (for white colour)
Light intensity:	10-100% adjustable
Range of light:	up to 8 NM (T=0,741)
Vertical angle (FWHM):	8°, 10°, 18° or 30°
Colour of light:	red, green, white und yellow according IALA (E-200-1, Optimum)

* for detailed technical data review datasheet of LED marine lantern LEDmin MKII

Dimensions



Alterations reserved