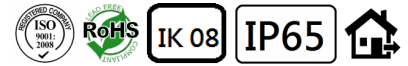




BOUK-S

LED Solar Bollard Light IP65



All-in-one -Professional design to combine solar panel, light source, controller, battery as one.

Built-in the modular LiFePo4 battery in the pole

Monocrystalline Solar Cell efficiency up to 24%




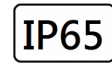

Programmable MPPT for Timing dimming output to achieve energy-saving

Mains Complementary Solar Controller : Charge over the power source from mains supply when solar energy is out of running

BOUK-S

LED Solar Bollard Light IP65

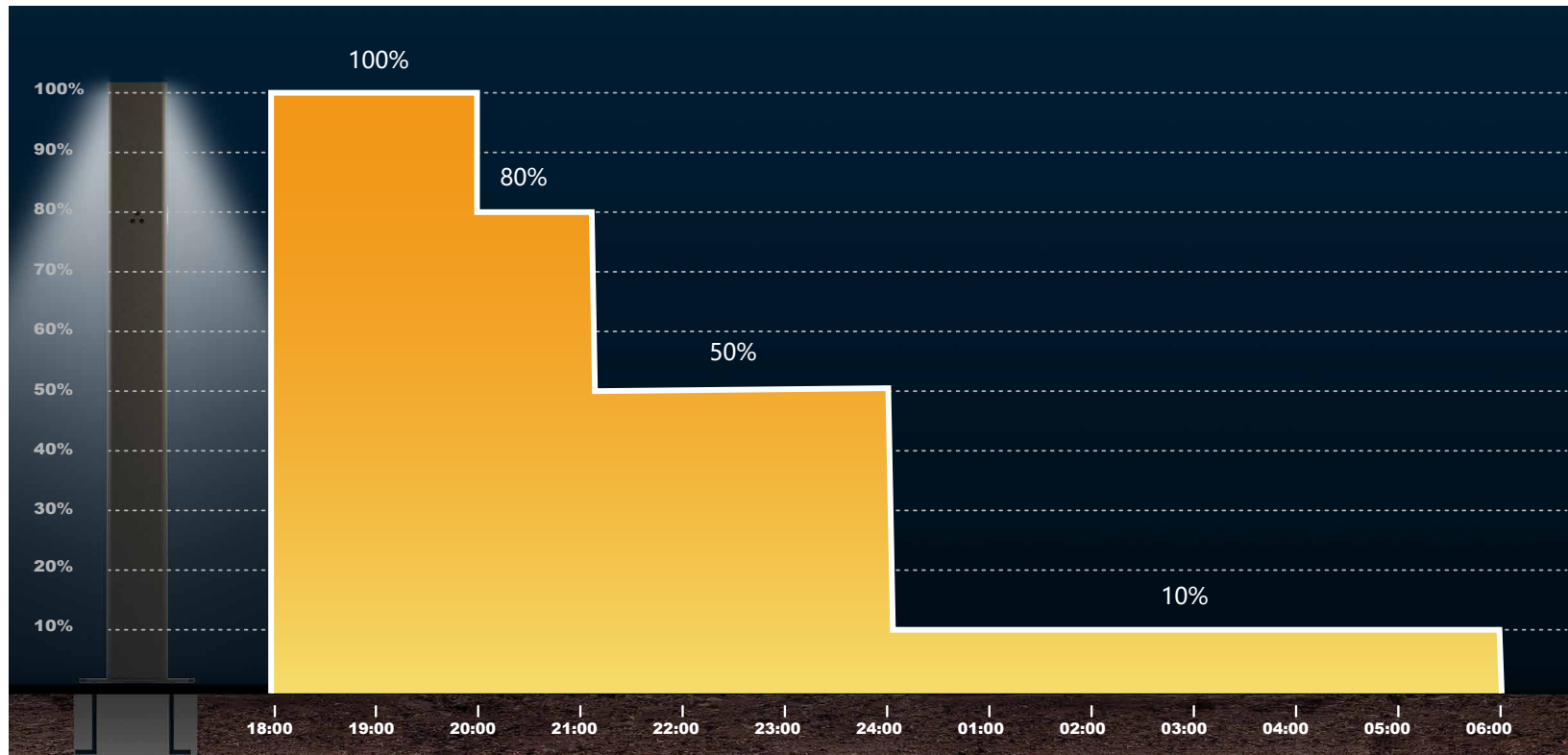
Technical Data

LED Rated Power	1.5W 5W (Customized Available)
Solar Panel Power / 太陽能電池板功率 Energía del panel solar	1.5W @ Pmax 8W x 2 5W @ Pmax 17W x 2
Photovoltaic Cell Type / 光伏電池類型 Tipo de celda fotovoltaica	Monocrystalline Silicon
Photovoltaic / 光伏效率 Eficiencia fotovoltaica	Up to 24%
Type of battery / 電池類型 / tipo de batería	LiFePO4 Battery
Battery Capacity / 電池容量 Capacidad de la batería	1.5W @ 3.7V 10Ah 5W@ 3.7V 10Ah (Customized Available)
Battery Location / 電池位置 Ubicación de la batería	Inside of pole
Solar Controller / 太陽能控制器 Controlador solar	Programmable MPPT
AC Hybrid Version / 交流混合版 Versión híbrida de CA	Optional : No or Yes
Charge Time / 充電時間 / tiempo de carga	8 Hours (By Bright Sunlight)
Discharge Time / 放電時間 Tiempo de descarga	2 Nights Max. (Customized Available)
Dimming profile parameters (Factory Preset) 調光配置文件參數 (工廠預設) Dimming profile parameters (Factory Preset)	Please refer to Factory Set Scheduling
Color Temperature / 色溫 Temperatura del color	3000K / 4000K / 5000K
Color Rendering Index / 顯色指數 Índice de reproducción cromática	> 80
Luminaire Efficiency / 燈具光效 Eficiencia de la luminaria	90 LM/W (3000K) 90 LM/W (4000K) 100 LM/W (5000K)
Light Distribution / 光分佈 Distribucion de luz	360°
Housing materials / 外殼材料 Materiales de vivienda	6063 Aluminium & Tempered ultra clear glass
Housing Color / 外殼顏色 / Color de la carcasa	Black RAL 9011; Dark Grey RAL 7043; White RAL 9003; (Customized Available) 黑 RAL 9011; 深灰 RAL 7043; 白 RAL 9003; (可定制) Negro RAL 9011, Gris oscuro RAL 7043, Blanco RAL 9003; (Personalizada disponible)
Ingress Protection / 防護等級 / Protección de ingreso	IP65
Mech impact protection / 機械衝擊防護 LED Lantern	IK08
Dimension / 尺寸 / Dimensión	Refer to drawing
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	20 °C / +50 °C
Certification	    

Intelligent module optical control scheme

The power can be controlled remotely or manually

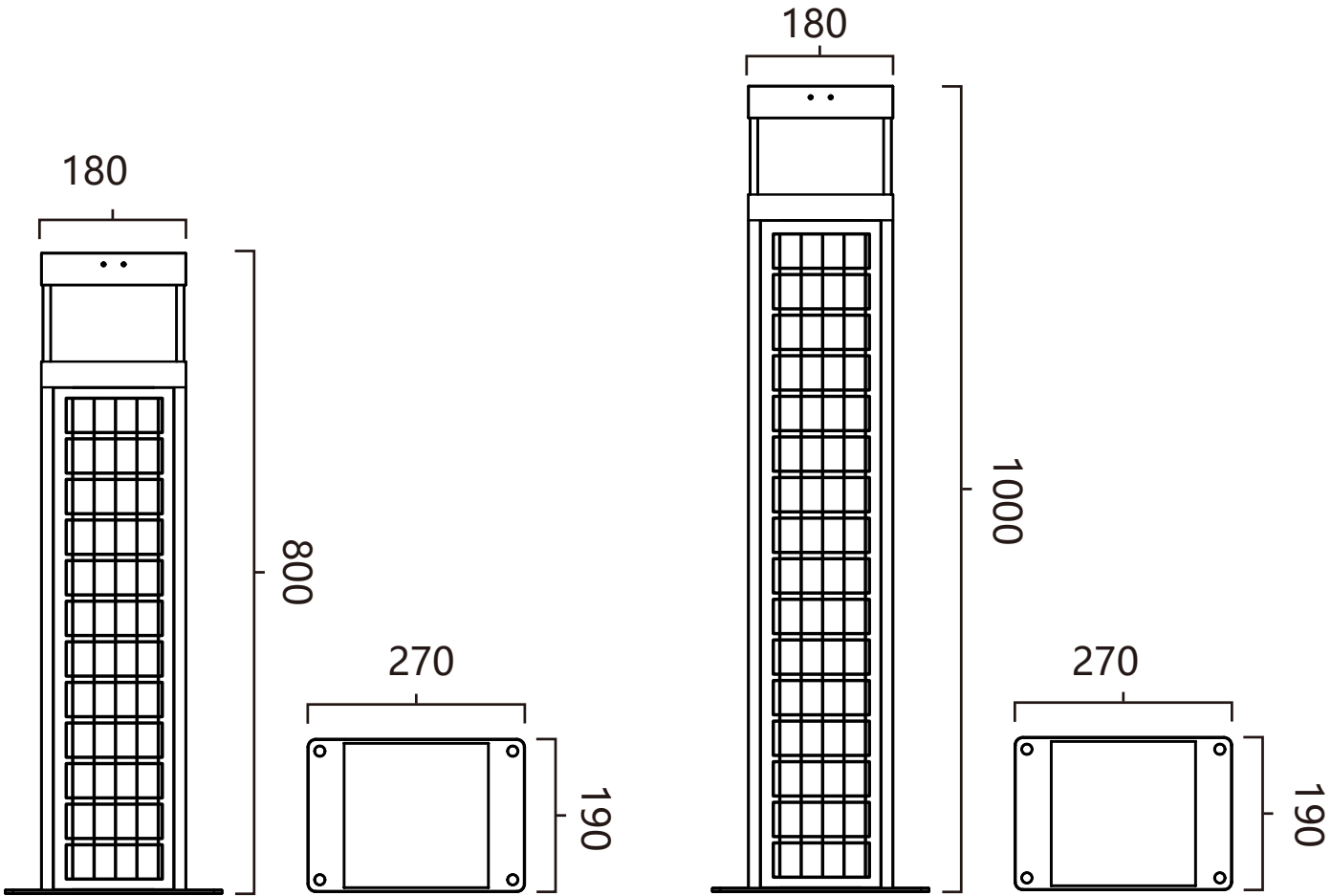
Intelligent power reduction is a fixed parameter and cannot be adjusted For example, the sun goes down at 18:00



MPPT Optical control scheme

Intelligent power down adjustable.

Technical Drawing



Unit: mm