

Hybrid LED RGB Landscape Lighting



Underground type

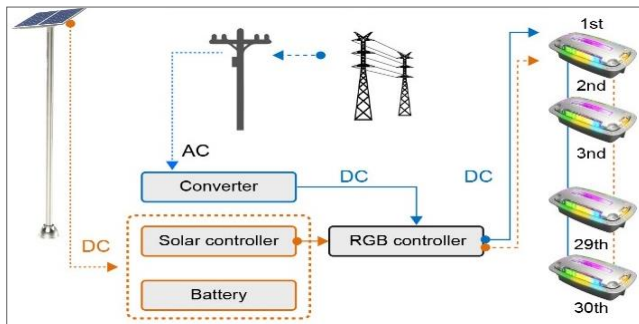
Ground attachment type

LED Color : RED, GREEN, BLUE, WHITE

❖ Features

- Various panoramic production by RGB LED (7 Mode)
- Individual operation and linkage operation function (RS-485 communication)
- Operation with stand-alone Solar System
- Can use AC / DC interlock (Option)
(Normal: Solar System, When Solar capacity is low: Switch to AC)

❖ System Configuration



- ❖ Applicable range : Road junction, road safety zone, park, school zone, apartment complex, high-rise rooftop helicopter, theme park, hotel lobby. Etc

❖ Specification

Item	Type	Use environment	Model NO
RGB Landscape Lighting	Ground attachment type	AC Power	MK-90AC
	Underground type		MK-91AC
	Ground attachment type / Underground type	Solar System	MK-92SR

Item	Spec.		Item	Spec.		
LED Module	RGB LED x 23ea~29ea		Solar System	Power supply	DC12V/24V	
Controller	Power	DC 24V		Solar Cell	125W X 2 (High efficiency single crystal, efficiency 17%)	
	Operation mode	7Mode		Controller	Charge, discharge control, sunset detection, PWM charge control	
	Communication method	RS-485(10Mbps, 1.2Km(max))			Battery over current shutdown control	
Power supply	Control mode	Overcurrent, overvoltage and recovery functions	Battery	SLA 11V 120Ah X 2 Li-Ion : 25.9V 41.6Ah X 2 (Option)		
	Input voltage	AC110V/220V 60Hz	Lantern	Steel- paintin (5M, Ø165, 4.5mm)		
Output voltage	DC24V/10A	Photovoltaic cell frames and cradles				
Protection standard	IP67		Relief day	Control Box: Steel (Painted finish)		
Dimension (mm)	Ground attachment type	W229 x D101 x H26		3 day	3 day	
	Underground type	W229 x D134 x H64	※Daily sunshine hours 3.5 hours, LED lights up 10 hours per day			
Weight	Ground attachment type :1Kg, Underground type : 3Kg					