

User Manual of Remote Control

This remote controller is mainly used to change the operating power of the lamp, working time, It can also adjust the the delay of the lamp to turn on by increase or decrease the reading result of remote from solar panel. Also it can adjust the output power (This should be operated according to the battery capacity, normally do not change the default setting). However, if you are not very familiar with the function of this remote, we strongly recommend that you only make simple changes on lighting time and lighting power. Otherwise, the lamp may not work properly due to any wrong instructions.

Remark:

1: Because this remote is designed for many models of controller, so we have set the remote properly advance before we send it to you. So you can only change the setting of "load power set", please do not intend to modify any other value especially the voltage setting from "f" to "i".

2: there will be a "smiling" face and a long time sound of "beep", it indicates the light receive the signal successfully. 3 times beep sound with a sad face, it means the signal is sent but the light fail to receive.

3: You can read the light state by pressing the "status" button.

4: Light can be turn ON for 20 seconds then off when you press "test" even if light is charging at day time.

In this remote, the whole night time could be divided into 9 segments maximum which means you can set an individual power and duration for each segments, while in our default setting we only use 3 sections. you can modify the portation and duration as you like

2. Keys Function Description

Key areas	Key names	Executive functions	Long press functions	
Setting area	+	A. Menu page down B. Increase the data	A: Continuous increase of data. B: in conjunction with the "OFF" key to lock or unlock parameter adjustment. C: In conjunction with the "-" key to enter remote control type selection interface.	
	-	A. Menu page up B. Decrease the data	A: Continuous decrease of data. B: in conjunction with the "+" key, to enter remote control type selection interface.	
	Set	Set parameters	Return from the [load settings] menu to the [parameter setting] menu.	
Functional area	Send	Send working parameters	-	
	Receive	State	Receive running state	Go to the [Run Data] menu
		Parameter	Receive working parameters	-
	Test	Send test command	-	
	ON	Activation command	-	
	OFF	Sleep command	In conjunction with the "+" key, to lock or unlock parameter adjustment.	



If you need
12 hours 100% without dimming for all night

Then setting should be:
b: 12H
c: 100%
d: 100%
e: 0H
f: 0%
g: 0%
h: 0H
i: 0%
j: 0%

If you need
4 hours 100% without dimming +
4 hours 50% when no people there with 100%
when sensor is triggered + 4 hours 30% without sensor.

Then setting should be:
b: 4H
c: 100%
d: 100%
e: 4H
f: 50%
g: 100%
h: 4H
i: 30%
j: 30%

If you need
6 hours 100% without dimming +
6 hours 50% when no people there with 100%
when sensor is triggered

Then setting should be:
b: 6H
c: 100%
d: 100%
e: 5H
f: 50%
g: 100%
h: 0H
i: 0%
j: 0%

If you need
3hours 100% without dimming +
5 hours 40% when no people there with 100%
when sensor is triggered + 4 hours 30% without sensor.

Then setting should be:
b: 3H
c: 100%
d: 100%
e: 5H
f: 40%
g: 100%
h: 4H
i: 30%
j: 30%

If you need
5hours 100% without dimming then light turn off for 4 hours, then turn ON again for 3 hours with 50% power until day time.

Then setting should be:
b: 5H
c: 100%
d: 100%
e: 4H
f: 0%
g: 0%
h: 4H
i: 50%
j: 50%

Table of Remote Setting

Item	Name Abbreviation	Data scope	Discription	Step-length	Factory default value
a	BatType	Lead, Li12,Li24	Battery type choosing	1	Li12
b	S-D-Time	NO~60 mins max	To set the duration when sensor is triggered	seconds + mints	60S
c	PV Wake	Yes/no	System turns on when connect to solar panel		Yes
d	L-Con-V	5 ~ 11V	Light control voltage	1V	7V
e	L-Con-DT	1 ~ 50Mins	Light control delay time	5M	5S
f	Over-DV	7.5~16v	over-discharging protected voltage	0.1V	11.0V
g	Over-DRV	7.5~16v	over-discharging recover voltage	0.1V	12.5V
h	Chg-Volt	7.5~16v	Over-charging voltage	0.1V	14.6V
i	Chg-CR-V	7.5~16v	over-charging recover voltage	0.1V	13.2V
k	Cold Chg	-40℃~ 0℃	Enable battery to charge when more than this temperature	1℃	-35℃
J	Heat work	40℃~ 90℃	Enable battery to stop charge at this temperature	1℃	65℃
l	LED-Cur	0.15~ 10.0A	LED load current	0.1A	factory will set as fixed value.
m	SmartPow	Use/Auto/low/Mid/Hig	Enable to adjust power against battery capacity changing automatically.		Mid
n	Load Power Set				
	Item	Name Abbreviation	Data scope	Discription	Unit
	a	S-Time-1	0~12 hours	the first time segment	4H
	b	S-C-Pow1	0% ~ 100%	when no people there	100%
	c	S-L-Pow1	0% ~ 100%	when people come	100%
	d	S-Time-2	0~12 hours	the 2nd time segment	4H
	e	S-C-Pow2	0% ~ 100%	when no people there	50%
	f	S-L-Pow2	0% ~ 100%	when people come	50%
	g	S-Time-3	0~12 hours	the 2nd time segment	4H
	h	S-C-Pow3	0% ~ 100%	when no people there	30%
	i	S-L-Pow3	0% ~ 100%	when people come	30%
t	Re-Defalt	Yes/no	Restore factory default values		No