

功能介绍

Use with 12V or 24V system。

the main use power systems, solar street lighting system, can automatically determine the day and night

it design with two timer funaction. Controller is designed with a microcontroller for automatic lighting control functions.

work mode: light control ON+light control OFF, light on +delay time OFF

complete electronic protection,the charge controller protects the battery from being overcharged by the solar array and from being deep discharged by the loads

clear readable display of the state of charge and programmable

nightlight function.



STC series is a two timer setting solar charge controller, Particularly suitable for the management of street lighting , work mode display by LED,easy operation,readable display of the state of charge and discharge.

Technical data

model	STC05	STC10
rated charge current	05A	10A
rated road current	05A	10A
system voltage	12V/24V, automatic recognition	
over-load short-circuit	yes	
no-current	≤6 mA	
over-voltage protection	17V (12V), 34V/24V;	
work temperture:	-35℃ 至+55℃	
equalization voltage	14.6V (12V), 29.2V/ (24V)	
boost voltage	14.4V (12V), 28.8/ (24V)	
float voltage	13.6V (12V), 27.2V/ (24V)	
re-charge voltage	13.2V (12V); 26.4/ (24V);	
temperature compensation	-5mv/℃/2V	
alarm voltage	12V (12V); 24V/ (24V)	
load disconnect voltage	11V (12V); 22/24V;	
load reconnect voltage	12.6V (12V), 25.2/ (24V) ;	
charge mode	PWM	