

SOLSUM

Bornay

6.6c, 8.8c, 10.10c



Regulador Solar Steca Solsum

The Steca Solsum is one of the most sold charge controllers on the market. It is optimally suited for use in solar home systems with load currents of up to 10 A at 12 V/24 V and up to 240 Wp module output.

The Solsum C generation has a completely protected circuit board and is distinguished by its clear display, which uses two LEDs. This generation of charge controllers has also been conceived to allow the controllers to be made and repaired on-site in large projects.

Product features

- Shunt controller
- Voltage regulation
- Automatic detection of voltage
- PWM control
- Multistage charging technology
- · Load disconnection depending on voltage
- Automatic load reconnection
- Temperature compensation
- Common positive or negative grounding on one terminal
- Monthly maintenance charge

Electronic protection functions

- Overcharge protection
- Deep discharge protection
- Reverse polarity protection of module and battery
- Reverse polarity protection by internal fuse
- Automatic electronic fuse
- Short circuit protection of load and module
- Overvoltage protection at module input
- Open circuit protection without battery
- Reverse current protection at night
- Overtemperature and overload protection
- Battery overvoltage shutdown

Displays

- Multi-coloured LED
- 2 LEDs show operating states
- for operation, state of charge, fault messages

- Approved by the World Bank for Bangladesh, China, Laos, Nepal, Sri Lanka, Uganda and Indonesia
- Fit for use in tropical areas (DIN IEC 68 part 2-30)
- Compliant with European Standards (CE)
- Developed in Germany
- Manufactured according to ISO 9001 and ISO 14001

SPECIFICATIONS

12/24 \ 2		6.6c	8.8c	10.10c	
Note	Performance				
Cinput side < 47 Vcc Maximum open circuit voltage < 47 Vcc Maximum open circuit voltage 8 Amp 10 Amp Occutput side 5 Council Voltage 8 Amp 10 Amp Sind of charge voltage 13,9 / 27,8 Vcc 13,9 / 27,8 Vcc Reconnection voltage (LVR) 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc 12,2 - 11,6 Vcc / 22,4 - 23,2 Vcc Reperating conditions 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc 12,2 - 11,6 Vcc / 22,4 - 23,2 Vcc Perminal (fine / single wire) 4 mm² / 6 mm² 12,2 - 10,2 mm² Perminal (fine / single wire) 4 mm² / 6 mm² 12,2 mm² Perminal (fine / single wire) 1 mm² / 6 mm² 12,2 mm² Perminal (fine / single wire) 1 mm² / 6 mm² 1 mm² Perminal (fine / single wire) 1 mm² / 6 mm² 1 mm² Perminal (fine / single wire) 1 mm² / 6 mm² 1 mm² Perminal (fine / single wire) 1 mm² / 6 mm² 1 mm² Perminal (fine / single wire) 1 mm² / 6 mm² 1 mm² <t< td=""><td>System voltage</td><td></td><td colspan="3">12/24 V</td></t<>	System voltage		12/24 V		
Adaminum open circuit voltage < 47 Vcc	Own consumption		< 4 mA		
Adodule current 6 Amp 8 Amp 10 Amp Coutput side Coutput side Load current 6 Amp 8 Amp 10 Amp End of charge voltage 13,9/27,8 Vcc 13,9/27,8 Vcc 12,4-12,7 Vcc/-22,4-25,2 Vcc 12,4-12,7 Vcc/-22,4-25,2 Vcc 12,4-12,7 Vcc/-22,4-25,2 Vcc 12,4-12,7 Vcc/-22,4-23,2 V	DC input side				
Coutput side	Maximum open circuit voltage		< 47 Vcc		
Second current Seco	Module current	6 Amp	8 Amp	10 Amp	
13,9 / 27,8 Vcc 20 cost charge voltage 11,4 / 28,8 Vcc 20 cost charge voltage (LVR) 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc 20 cep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc 21 cep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc 21 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 22 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 23 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 24 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 25 °C a + 60 °C 26 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 26 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 27 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 27 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 28 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 29 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 29 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 20 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 21 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 21 cep discharge protection 12,2 - 12,6 Vcc / 22,4 - 23,2 Vcc 22 cep discharge protection 12,2 - 12,6 Vcc / 22	DC output side				
Boost charge voltage 14,4 / 28,8 Vcc Reconnection voltage (LVR) 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc Deep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc Departing conditions Ambient temperature -25 °C a + 60 °C Terminal (fine / single wire) Pegree of protection IP 32 Dimensions 145 x 100 x 30 mm	Load current	6 Amp	8 Amp	10 Amp	
Reconnection voltage (LVR) 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc Deep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc Departing conditions Ambient temperature -25 °C a + 60 °C Terminal (fine / single wire) Degree of protection IP 32 Dimensions 145 x 100 x 30 mm	End of charge voltage		13,9 / 27,8 Vcc		
Deep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc Descripting conditions Ambient temperature -25 °C a + 60 °C Fiting and construction Terminal (fine / single wire) Degree of protection IP 32 Dimensions 145 x 100 x 30 mm	Boost charge voltage		14,4 / 28,8 Vcc		
Derating conditions Ambient temperature -25 °C a + 60 °C Titing and construction Terminal (fine / single wire) 4 mm² / 6 mm² Degree of protection IP 32 Dimensions 145 x 100 x 30 mm	Reconnection voltage (LVR)		12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc		
Ambient temperature -25 °C a + 60 °C Fitting and construction 4 mm²/6 mm² Ferminal (fine / single wire) 4 p 32 Degree of protection 145 x 100 x 30 mm	Deep discharge protection (LVD)		11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc		
Terminal (fine / single wire) Degree of protection IP 32 Dimensions 145 x 100 x 30 mm	Operating conditions				
Ferminal (fine / single wire) 4 mm² / 6 mm² Degree of protection IP 32 Dimensions 145 x 100 x 30 mm	Ambient temperature		-25 °C a + 60 °C		
Degree of protection IP 32 Dimensions 145 x 100 x 30 mm	Fiting and construction				
Dimensions 145 x 100 x 30 mm	Terminal (fine / single wire)		4 mm ² / 6 mm ²		
	Degree of protection		IP 32		
Veight 150 gr.	Dimensions		145 x 100 x 30 mm		
	Weight		150 gr.		

Technical data at 25 ℃

DONWLOADS

CATÁLOGO GENERAL 2020

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