

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 \ 12/2		6.6c	8.8c	10.10c	
	Performance				
Emptt side < 47 Vcc Eximum open circuit voltage < 47 Vcc Eximum open circuit voltage 6 Amp 8 Amp 10 Amp Soutput side 8 Amp 10 Amp Eximum open circuit voltage 8 Amp 10 Amp Incompany of contractions 13,9/27,8 Vcc 13,9/27,8 Vcc Incompany of contraction voltage (LVR) 12,4-12,7 Vcc/-22,4-25,2 Vcc 12,4-12,7 Vcc/-22,4-25,2 Vcc Incompany of contraction (LVD) 11,2-11,6 Vcc/22,4-23,2 Vcc 12,4-12,7 Vcc/-22,4-23,2 Vcc Incompany of continual (fine / single wire) 4 mm² / 6 mm² 12,4-12,7 Vcc/-22,4-23,2 Vcc Incompany of continual (fine / single wire) 4 mm² / 6 mm² 12,4-12,7 Vcc/-22,4-23,2 Vcc Incompany of continual (fine / single wire) 4 mm² / 6 mm² 12,4-12,7 Vcc/-22,4-23,2 Vcc Incompany of continual (fine / single wire) 4 mm² / 6 mm² 12,4-12,7 Vcc/-22,4-23,2 Vcc Incompany of continual (fine / single wire) 4 mm² / 6 mm² 12,4-12,7 Vcc/-22,4-23,2 Vcc Incompany of continual (fine / single wire) 4 mm² / 6 mm² 12,4-12,7 Vcc/-22,4-23,2 Vcc Incompany of continual (fine / single wire) 1,2-11,6 Vcc/-22,4-23,2 Vcc 12,4-12,7 Vcc/-22,4-23	System voltage		12/24 V		
	Own consumption		< 4 mA		
March Marc	DC input side				
coutput side 6 Amp 8 Amp 10 Amp of charge voltage 13,9 / 27,8 Vcc 13,9 / 27,8 Vcc ost charge voltage 14,4 / 28,8 Vcc 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc connection voltage (LVR) 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc ep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc erating conditions -25 °C a + 60 °C ing and construction 4 mm² / 6 mm² gree of protection IP 32 mensions 145 x 100 x 30 mm	Maximum open circuit voltage		< 47 Vcc		
10 Amp	Module current	6 Amp	8 Amp	10 Amp	
13,9/27,8 Vcc 13,9/27,8 Vcc 14,4/28,8 Vcc 12,4-12,7 Vcc/-22,4-25,2 Vcc ep discharge protection (LVD) erating conditions bient temperature -25 °C a + 60 °C ing and construction rminal (fine / single wire) 4 mm²/6 mm² gree of protection IP 32 mensions 145 x 100 x 30 mm	DC output side				
ost charge voltage connection voltage (LVR) 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc ep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc erating conditions relient temperature -25 °C a + 60 °C reminal (fine / single wire) reminal (fine / single wire) gree of protection IP 32 145 x 100 x 30 mm	Load current	6 Amp	8 Amp	10 Amp	
connection voltage (LVR) 12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc ep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc erating conditions abient temperature -25 °C a + 60 °C fing and construction rminal (fine / single wire) gree of protection IP 32 Hensions 145 x 100 x 30 mm	End of charge voltage		13,9 / 27,8 Vcc		
ep discharge protection (LVD) 11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc erating conditions ribient temperature -25 °C a + 60 °C ing and construction rminal (fine / single wire) gree of protection IP 32 nensions 145 x 100 x 30 mm	Boost charge voltage		14,4 / 28,8 Vcc		
rerating conditions ribient temperature -25 °C a + 60 °C ring and construction rminal (fine / single wire) 4 mm² / 6 mm² gree of protection IP 32 mensions 145 x 100 x 30 mm	Reconnection voltage (LVR)		12,4 - 12,7 Vcc / - 22,4 - 25,2 Vcc		
ripient temperature -25 °C a + 60 °C ring and construction rminal (fine / single wire) 4 mm² / 6 mm² gree of protection IP 32 mensions 145 x 100 x 30 mm	Deep discharge protection (LVD)		11,2 - 11,6 Vcc / 22,4 - 23,2 Vcc		
ing and construction rminal (fine / single wire) gree of protection IP 32 mensions 145 x 100 x 30 mm	Operating conditions				
rminal (fine / single wire) gree of protection IP 32 mensions 145 x 100 x 30 mm	Ambient temperature		-25 °C a + 60 °C		
gree of protection IP 32 mensions 145 x 100 x 30 mm	Fiting and construction				
mensions 145 x 100 x 30 mm	Terminal (fine / single wire)		4 mm ² / 6 mm ²		
	Degree of protection		IP 32		
eight 150 gr.	Dimensions		145 x 100 x 30 mm		
	Weight		150 gr.		

Technical data at 25 ℃

DONWLOADS

CATÁLOGO GENERAL 2020

Catalogo-Bornay-0520.pdf

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