



Solsum Solar Charge Controllers



5 / 6 / 8 / 10 Amps

FEATURES

*Volta ge r gulation
PWM shunt battery charging
Boost charging
Float charging
Automatic load reconnection
Automatic selection of volta ge (12 V / 24 V)
Temperature compensation
Positive grounding
(or) negative grounding on one terminal*

APPLICATIONS

*Solar home systems
Recreation vehicles*

TECHNICAL SPECIFICATIONS

Model	5.0 c	8.0 c	6.6 c	8.8 c	10.10 c
System Voltage	12 V (24 V)	12 V (24 V)	12 V (24 V)	12 V (24 V)	12 V (24 V)
Max Module Input Short Circuit Current	5 A	8 A	6 A	8 A	10 A
Max Load Output Current	5 A	8 A	6 A	8 A	10 A
LVD	No	No	Yes	Yes	Yes
Max Self Consumption	< 4 mA	< 4 mA	< 4 mA	< 4 mA	< 4 mA
End of Charge Voltage (Float)	13.7 V / (27.4 V)				
Boost Charge Voltage, 1 h	14.4 V (28.8 V)				
Equalisation Charge (Deactivated for Gel Accu), 2 h	-				
Reconnection Setpoint (LVR)	without LVR		12.6 V / (25.2 V)		
Deep Discharge Protection (LVD)	without LVD		11.1 V / (22.2 V)		
Ambient Temperature Allowed	-25 �C ... +50 �C				
Terminal Size (Fine / Single Wire)	16 mm ² /25 mm ²				
Enclosure Protection Class	IP 22	IP 22	IP 22	IP 22	IP 22
Dimensions (L x W x H)	130 x 88 x 39 mm				
Weight	0.17 kg	0.17 kg	0.17 kg	0.17 kg	0.17 kg

Technical Specifications subject to change without notification.