

Technical data



Solar charge controller	10 A	15 A	20 A	30 A
Max. module input short circuit current at 50 °C	10 A	15 A	20 A	30 A
Max. load output current at 50 °C	10 A	15 A	20 A	30 A
Terminal size (fine/single wire)	16/25 mm² = 6/4 AWG			
Weight	345 g			
Dimensions l x w x h	187 x 96 x 45 mm			
Enclosure protection class	IP 32			
System voltage	12 V / 24 V			
Ambient temperature allowed	-25 °C ... +50 °C			
Max. voltage of Solar collector	47 V DC			
Temperature compensation	-4 mV/K/Zelle			

	12-V-system	24-V-system
Deep discharge warning (SOC/LVW)	< 40 % / 11,7 V ~ 12,3 V	< 40 % / 23,4 V ~ 24,6 V
Deep discharge protection (SOC/LVD)	< 30 % / 11,2 V ~ 11,6 V	< 30 % / 22,1 V ~ 23,2 V
Reconnection set point (SOC/LVR)	> 50 % / 12,4 V ~ 12,7 V	> 50 % / 24,8 V ~ 25,4 V
End of charge voltage (float)	13,9 V	27,8 V
Boost charge voltage (boost)	14,4 V	28,8 V
Equalisation charge (equal)	14,7 V	29,4 V

NOTE:

Technical data that varies from the above is given on a device label. Subject to change without notice.