

SIEMENS

Solar Charge Controller

Technical Data

System regulator Type	SR04	SR08	SR 16	SR25
Electrical characteristics at 25°C				
Rated voltage [V]	12/24	12/24	12/24	12/24
Max. solar current [A]	4	8	16	25
Max. load current [A]	6	10	16	25
Max. own consumption [mA]	3	3	4	4
End of charge voltage				
Normal [V]	13,7	13,7	13,7	13,7
Gassing control deactivated [V]	14,1	14,1	14,1	14,1
Temperature compensation [mV/k/cell]	-4	-4	-4	-4
Over discharging cut off voltage				
Constant [V]	11,1	11,1	11,1	11,1
Variable at max. load current [V]	-	-	11,4	11,2
Variable at min. load current [V]	-	-	12,0	12,0
Reconnection limit [V]	12,6	12,6	12,6	12,6
Gassing control				
Gassing activated voltage [V]	12,4	12,4	12,4	12,4
Gassing final voltage [V]	14,5	14,5	14,5	14,5
Temperature compensation [mV/k/cell]	-3	-3	-3	-3
Option				
Temperature sensor			•	•
SMM25 - LCD (display) Version			•	•
Limit values				
Permissible ambient temperature [°C]	-25 to +40	-25 to +40	-25 to +50	-25 to +50
Storage temperature [°C]	-25 to +85	-25 to +85	-25 to +85	-25 to +85
Dimensions [mm]	87x98x35	87x98x35	190x100x55	190x100x75
Max. clamp size				
Fine-strand / single-strand [mm²]	2,5 / 4	4 / 6	10 / 16	10 / 16
Weight [g]	100	100	300	700



LCD (display) version not available

Subject to technical alterations

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