

# Solar Charge Controller

Model: SLC-1203/1203B



Technical Data	SLC-1203	SLC-1203B
Rated Voltage(V)	12	
Float Voltage(V)	12V system:13.8±0.2	
Over-charging Protection Voltage(V)	12V system:14.1~14.5	
Load Disconnect Voltage(V)	12V system:10.8~11.2	
Max. Solar Current(A)	3	
Max. Load Current(A)	3	
Typical Power Consumption(mA)	≤8	
Temperature Compensation Factor	-3mV/cell*K	

Model: SLC-1205/SLC-1208/SLC-1210/  
SLC-2405/SLC-2408/SLC-2410



Model	SLC-1205	SLC-1208	SLC-1210	SLC-2405	SLC-2408	SLC-2410
Rated voltage(V)	12			12/24		
Float voltage(V)	13.8±0.2			24V system: 27.6±0.4 12V system: 13.8±0.2		
Over-charging Protection Voltage (V)	14.1~14.5			24V system: 28.2~29 12V system: 14.1~14.5		
Load Disconnect Voltage (V)	10.8~11.4			24V system: 21.6~22.8 12V system: 10.8~11.2		
Load Reconnect Voltage(V)	12.2~12.6			24V system: 24.4~25.2 12V system: 12.2~12.6		
Max. Solar Current(A)	5	8	10	5	8	10
Max. Load Current (A)	5	8	10	5	8	10
Typical Power Consumption (mA)	≤8					
Temperature Compensation Factor	-3mV/cell*K					
Voltage Drop Between Solar Power and Battery (V)	≤0.4			≤0.4		
Voltage Drop Between Battery and Load (V)	≤0.3			≤0.3		
Ambient temp. Range(°C)	-20°C~50°C					
Max. Altitude(m)	5000					

Model: SLC-1205B/SLC-1208B/  
SLC-1210B/SLC-1215B/  
SLC-2405B/SLC-2408B/  
SLC-2410B/ SLC-2415B



Model	SLC-1205B	SLC-1208B	SLC-1210B	SLC-1215B	SLC-2405B	SLC-2408B	SLC-2410B	SLC-2415B
Rated voltage(V)	12				12/24			
Float voltage(V)	13.8±0.2				24V system: 27.6±0.4 12V system: 13.8±0.2			
Over-charging Protection Voltage (V)	14.1~14.5				24V system: 28.2~29 12V system: 14.1~14.5			
Load Disconnect Voltage (V)	10.8~11.4				24V system: 21.6~22.8 12V system: 10.8~11.2			
Load Reconnect Voltage(V)	12.2~12.6				24V system: 24.4~25.2 12V system: 12.2~12.6			
Max. Solar Current(A)	5	8	10	15	5	8	10	15
Max. Load Current (A)	5	8	10	15	5	8	10	15
Typical Power Consumption (mA)	≤8							
Temperature Compensation Factor	-3mV/cell*K							
Voltage Drop Between Solar Power and Battery (V)	≤0.4				≤0.4			
Voltage Drop Between Battery and Load (V)	≤0.3				≤0.3			
Ambient temp. Range(°C)	-20°C~50°C							
Max. Altitude(m)	5000							

**Note:**