



## Solar Charge Controllers Solsum F Series

<b>Model</b>	Solsum 6.6F
	6 Amps
	Solsum 8.8F
	8 Amps
	Solsum 10.10F
	10 Amps

### Design Features

- Series controller
- Voltage regulation
- Automatic detection of voltage
- PWM control
- Multistage charging technology
- Current compensated load disconnection
- Automatic load reconnection
- Temperature compensation
- Common positive grounding or negative grounding on one terminal
- Monthly maintenance charge
- Developed in Germany

### Applications

- Industrial systems
- Solar home systems
- Recreation vehicles

## 2 YEAR WARRANTY

MODEL NO.	Solsum 6.6F	Solsum 8.8F	Solsum 10.10F
OPEN CIRCUIT VOLTAGE MODULE	< 47 V	< 47 V	< 47 V
MODULE CURRENT	6 A	8 A	10 A
LOAD CURRENT	6 A	8 A	10 A
END OF CHARGE VOLTAGE	13.9 V / (27.8 V)	13.9 V / (27.8 V)	13.9 V / (27.8 V)
BOOST CHARGE VOLTAGE	14.4 V (28.8 V)	14.4 V (28.8 V)	14.4 V (28.8 V)
RESET VOLTAGE (SOC/LVR)	> 50 % / 12.4 V ... 12.7 V (24.8 V ... 25.4 V)		
DEEP DISCHARGE PROTECTION (SOC/LVD)	< 30 % / 11.2 V ... 11.6 V (22.4 V ... 23.2 V)		
SYSTEM VOLTAGE	12 V (24 V)	12 V (24 V)	12 V (24 V)
SELF CONSUMPTION	< 4 mA	< 4 mA	< 4 mA
AMBIENT TEMPERATURE ALLOWED	-25 °C ... +50 °C	-25 °C ... +50 °C	-25 °C ... +50 °C
TERMINAL SIZE (FINDE / SINGLE WIRE)	4 mm <sup>2</sup> / 6 mm <sup>2</sup> - AWG 12 / 9		
ENCLOSURE PROTECTION	IP 32	IP 32	IP 32
DIMENSIONS, MM (L x W x H)	145 x 97.15 x 23.9	145 x 97.15 x 23.9	145 x 97.15 x 23.9
DIMENSIONS, INCHES (L x W x H)	5.7 x 3.82 x 0.94	5.7 x 3.82 x 0.94	5.7 x 3.82 x 0.94
WEIGHT, KG	0.15	0.15	0.15
WEIGHT, LB	0.33	0.33	0.33

NOTE: Specifications are subject to change without notice