



**samlexsolar**<sup>®</sup>  
A Division of Samlex America Inc.

# 6-8A



## Solar Charge Controllers Solsum F Series

### Model

Solsum 6.6F  
6 Amps

Solsum 8.8F  
8 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
- Recreational vehicles

## 2 YEAR WARRANTY

MODEL NO.	Solsum 6.6F	Solsum 8.8F
OPEN CIRCUIT VOLTAGE MODULE	< 47V	< 47V
MODULE CURRENT	6A	8A
LOAD CURRENT	6A	8A
END OF CHARGE VOLTAGE	13.9V / (27.8V)	13.9V / (27.8V)
BOOST CHARGE VOLTAGE	14.4V (28.8V)	14.4 V (28.8V)
RESET VOLTAGE (SOC/LVR)		> 50% / 12.4V to 12.7V (24.8V to 25.4V)
DEEP DISCHARGE PROTECTION (SOC/LVD)		< 30% / 11.2V to 11.6V (22.4V to 23.2V)
SYSTEM VOLTAGE	12V (24V)	12V (24V)
SELF CONSUMPTION	< 4 mA	< 4 mA
AMBIENT TEMPERATURE ALLOWED	-25°C to +50°C	-25°C to +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
DIMENSIONS, MM (L x W x H)	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
WEIGHT, KG	0.15	0.15
WEIGHT, LB	0.33	0.33

NOTE: Specifications are subject to change without notice

12006-Solsum-Series-1013