Cyber Power

SOLAR CHARGER

SCUN25A















The solar charger with Maximum Power Point Tracking technology to achieve the most solar energy harvest

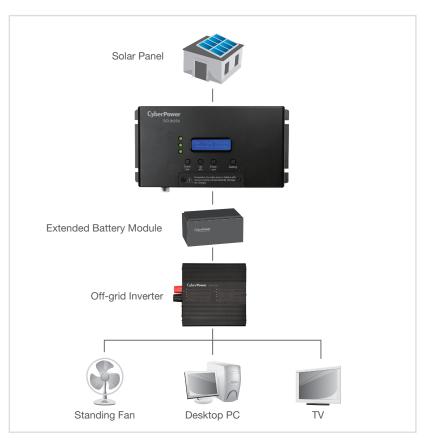
Ideal for home, business and remote locations, the Solar Charger Series is a powerful solar charger which harvests maximum solar energy to store in external batteries. When used together with off-grid inverter, it becomes a self-sufficient system. To harvest the most solar power generated, the chargers adopt Maximum Power Point Tracking (MPPT) technology to achieve up to 99% high tracking efficiency. The solar chargers adopt advanced battery charging technology by using a 4-stage approach to help each battery cell recover back to its optimal condition.

APPLICATION

- Home
- SOHO Office
- Office
- Remote House
- Vehicles
- Ships/Boats

SERIES FEATURES

- Work with Solar Panels
- High DC to DC Energy Efficiency
- Wide Input Voltage Range
- Maximum Power Point Tracking (MPPT) Technology
- Wide Output Voltage Range
- Auto Battery Settings
- 4-stage Charging Approach
- LCD Status Display
- LED Status Indicator
- Wide Operating Temperature



TECHNICAL SPECIFICATIONS

Nominal Input Power (Watts) 800 W for 24 V Battery, 400 W for 12 V Battery Maximum PV Open Circuit Voltage (Vdc) 100 Maximum PV Open Circuit Voltage (Vdc) 80 Minimum Input Operation Voltage (Vdc) Wbt + 24 V for 5 V Battery, Ubt + 12 V for 3 V Battery Efficiency MPPT (%) 99% DC Output 24 V for 5 V Battery, Ubt + 12 V for 3 V Battery DC Output Voltage (Vdc) 24.12 Output Voltage Range (Vdc) 8 - 32 Maximum Output Currert (A) 8 Battery 25 Battery 100 Charging Algorithm 4-stage Charging Algorithm 98% Maximum Self-Consumption (Watts) 25 Maximum Self-Consumption (Watts)<	Model Name	SCUN25A
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Output Voltage Range (Vdc) 8 - 32 Maximum Output Current (A) 25 Maximum Output Current (A) 25 Charging Algorithm 4-stage Charging Stages Bulk, Absorption, Float, Equalize Parformance 98% Maximum Efficiency (%) 98% Maximum Efficiency (%) 2.5 Maximum Efficiency (%) 2.5 Maximum Efficiency (%) Yes LCD Panel Yes ED Indicators Yes Physical Yes Enclosure Construction Aluminum Water Resistance 1P30 Physical Size 125 × 257 × 55 Dimensions (WxhkD) (rm.) 125 × 257 × 55 Weight (kg.) 1.31 Environmental 0 Chore-condensing (%) 0 - 100 Storage Temperature (°C.) -40 - 50 Storage Relative Humiditty 0 - 100 (Non-condensing (%) 0 - 100 Storage Relative Humiditty 0 - 100 (Non-condensing (%) 0 - 100 Contange Re	DC Output	
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(Non-condensing) (%) 0 - 100 Cooling Method Natural Convection Certifications CE, FCC Class A, EN60950	Storage Temperature (°C)	-40 - 85
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Certifications Certifications* CE, FCC Class A, EN60950	Cooling Method	Natural Convection
	Certifications	
RoHS Yes	Certifications*	CE, FCC Class A, EN60950
	RoHS	Yes

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information. #All specifications are subject to change without notice.

