

GO GREEN

USE RENEWABLE ENERGY



About us

State-of-the-art Manufacturing Facilities



Facility at Katha, Baddi

Su-Kam's expertise in manufacturing innovative power back-up systems with its focus on R&D, to continuously manufacture new products, has resulted in manufacture of a wide range of products like invertors, batteries, solar systems etc.

Su-Kam has 7 state-of-the-art manufacturing facilities in Baddi, Himachal Pradesh, Nepal and Gurgaon.



ADVANCED R&D

Su-Kam is the first in the industry to invest in and institute an exclusive R&D unit, at par with international standards. A dedicated team of industry experts carry out development and testing of new products. Sophisticated testing equipment is used and both the facility and products are upgraded frequently.



Su-Kam has remained uncompromising on the high quality of its products. With stringent quality parameters and testing, it is at par with international standards.

The company has implemented **Total Quality Management (TQM)** practices across all its manufacturing facilities.

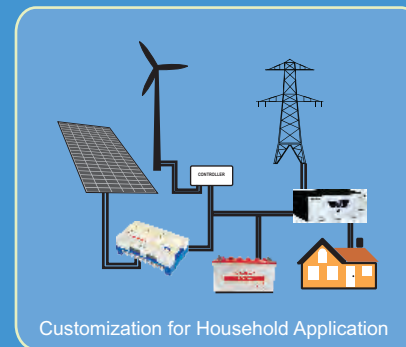
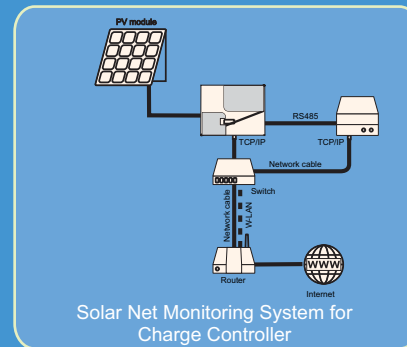
Most of our products have received Test Certifications from reputed laboratories like ERTL (A Government of India organisation).



RS 232 interface Software for power management



INSTALLATION DIAGRAM



The Su-Kam Experience

Su-Kam offers excellent service to its current and prospective clients. It has a vast, pan-India, company-owned service network. It also runs fully-equipped service vans to provide doorstep service.

www.su-kam.com

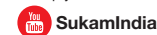
SOLAR CHARGE CONTROLLER

PWM RANGE



How to Install this Product?

Watch our step-by-step installation video for these products on our Youtube Channel. We have made many interesting videos to help you understand various features in our products.



Su-Kam
SU-KAM POWER SYSTEMS LTD.

- Website: www.su-kam.com
Solar Website: www.sukam-solar.com
- E-mail India: info@su-kam.com
E-mail Export: export@su-kam.com
- Whatsapp India: +91 70426 98991
Whatsapp Export: +91 81301 92199

Got Questions About this Product?

Please call our toll-free number (1800 102 4423 - for India only) or message us on our Facebook Page and we will answer all your questions.

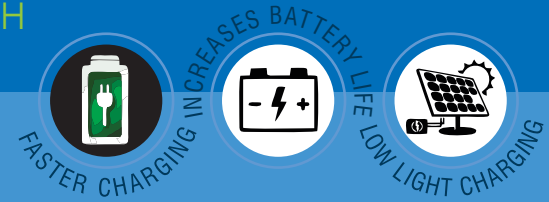


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Charge-up NATURALLY

& SAVE MOTHER EARTH



Su-Kam
SOLAR



S O L A R P V C H A R G E C O N T R O L L E R

P W M R A N G E



12V/05A
12V/10A
12V/20A



12V - 24V/30A



12V - 24V - 48V/10A
12V - 24V - 48V/20A
12V - 24V - 48V/30A
12V - 24V - 48V/45A
12V - 24V - 36V/45A



096V/60A
110V/50A
120V/60A
180V/40A
192V/60A
240V/40A
360V/30A

Technical Specifications

Models	SCC 12V 5A	SCC 12V 10A	SCC 12V 10A DD	SCC 12V 20A	SCC 12V-24V/30A	12V 24V 36V 48V	96V	180V	192V	240V	360V	110V	120V	
Charging Current I _{max} .	5A	10A	10A	20A	30A	10A-45A	60A	40A	60A	40A	30A	50A	30A 60A	
Load Current	5A	10A	10A	20A	30A									
Automatic Dusk to Dawn	N/A		Dusk at PV voltage ≤4V & Dawn at PV Voltage ≥ 6V	N/A										
Type	Series Regulator Common Positive					Series Regulator Common Negative					Series Regulator Common Positive			
Maximum I/P PV Voltage	25V Per 36cell Solar module													
Solar Array	Single Array										Dual Array	Single Array	Dual Array	
Charge Controller Start Time	25 Sec. ± 5 Sec.													
Bulk Voltage	14.4V ± 0.2V					14.2V ± 0.2V/Batt.	115V ± 2V	216V ± 2V	232V ± 3V	282V ± 2V	422V ± 3V	131V ± 1V	141V ± 1V	
Adjustable Bulk Voltage	13.2V-15V/Battery						Yes	198V-225V	Yes	264V-300V	396V-450V	127V-132V	132V-150V	
Transition from float to bulk	Below float level for a cumulative period of 1 hour													
Float Voltage	13.6V ± 0.2V			13.5V ± 0.2V/battery			110V ± 2V	211V ± 2V	220V ± 3V	270V ± 2V	408V ± 3V	126V ± 1V	135V ± 1V	
Equalization	N/A					Manual/Auto Mode			N/A					
Equalizing Voltage	N/A					Bulk Voltage + 1V for 12V batt.			N/A					
Low Battery Indication	11.4V ± 0.2V			11.4V ± 0.2V /Bat.	11V ± 0.2V/Battery	88V ± 2V	162V ± 2V	175V ± 3V	216V ± 2V	324V ± 3V	100V ± 1V	110V ± 1V		
Low Battery Indication Reconnect	12.8V ± 0.2V			12.8V ± 0.2V/Bat.	12.2V ± 0.2V/Battery	98V ± 2V	183V ± 2V	195V ± 3V	244V ± 2V	365V ± 3V	114V ± 1V	122V ± 1V		
Battery High Charging Cut off	15.5V ± 0.2V			15.5V ± 0.2V/Bat.	15.4V ± 0.2V/Battery	128V ± 2V	230V ± 2V	250V ± 3V	288V ± 2V	445V ± 3V	142V ± 1V	144V ± 1V		
Battery High Charging Cut off Reconnect	14.5V ± 0.2V			14.5V ± 0.2V/Bat.	13V ± 0.2V/Battery	117V ± 2V	195V ± 2V	210V ± 3V	260V ± 2V	390V ± 3V	121V ± 1V	135V ± 1V		
PROTECTION														
Over Current, Battery over Charge Protection, PV/Battery Reverse Polarity, Reverse Current Flow, High Temp.														
Automatic Charger Restart Time after High Current	3.5 Minutes													
Over Current Shutdown	≥ 110%													
High Temperature Charger Comp.	> 75°C ± 5°C													
High Temperature Charger Reconnect	< 60°C ± 5°C													
Cooling fan ON	N/A										≥ 50°C			
Cooling fan OFF	N/A										≥ 45°C			
PC Communication Interface	N/A					Available	N/A	Available						N/A



ENVIRONMENTAL FOR ALL MODELS

Operating Temp. (in-house type test)	0°C to + 40°C
Storage Temp. (in-house type test)	0°C to + 55°C
Relative Humidity	0-95% Non-Condensing
IP Rating	IP-20
Design Serviceuse	Indoor

ENCLOSURE FOR ALL MODELS

Mounting Type	Suitable for wall mounting
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