

# APNI BIJLI BANAO, EXPERT KO BULAO.

SOLAR KE SMART SOLUTIONS GHAR LE AAO!

Call: +91 9999 039 039



## **ABOUT LIVGUARD**

Livguard Energy Technologies Pvt. Ltd. (LETPL) one of India's leading providers for power energy solutions is poised to transform the world with its cutting edge technology, in solar solutions, power back-up, automotive solutions, & e-rickshaw batteries. Livguard was founded in the year 2014 and is a part of the SAR Group which has been serving the nation for the past three decades. With our technologically advanced toolkit and trained technicians we have achieved the customer's trust and faith in our products and services. This has helped us reach the 4,000 crore company milestone in a short period of time.



# SOLAR CHARGE CONTROLLER

Livguard Solar Charge Controller is an advanced micro controller unit based on PWM technology. The charging process has been optimized for longer battery life and improved system efficiency.



Dusk  
to Dawn

**1** Years  
Warranty

## Increase Battery Life /Gravity Builder

- Designed to remove sulphate build up
- A high equalizing charged battery



## Automatic Voltage Selection

- Auto battery selection upto 20 A
- Settable battery selection for 50 A



## USB Port

- USB Port available for mobile charging
- For 20A plug in your DC devices such as fans and lights



## Protections

- In-built short circuit , reverse current & polarity protection
- No risk of electric shocks



## SOLAR CHARGE CONTROLLER

Model Name	LSCC 122410	LSCC 122420	LSCC 24-4850		
Charge Controller Rating (Amp.)	12/24V @ 10A	12/24V @ 20A	24V @ 50A	36V@ 50A	48V@ 50A
Technology	Micro Controller Unit Based PWM				
Type	Series Regulator Common Positive				
System Voltage	12 / 24 V		24 / 36 / 48V		
Setting	Auto Sensing		Settable (Default 48 V)		
Maximum Solar Panel (Wp)	12V @ 160W 24V @ 335W	12V @ 335W 24V @ 600W	1800W	3600 W	
Maximum Solar Panel Voltage	60V		90V		

## BATTERY SETTINGS

Voltage	12V	24V	24V	36V	48V
Bulk Voltage (V)	14.2V	28.4	27.8V - 31.8V	41.7V - 47.7V	55.6V - 63.6V
Default Voltage (Bulk)		28.4V		42.6V	56.8V
Float Voltage (V)	13.5	27V	26.6V - 28.2V	39.9V - 42.3V	53.2V - 56.4V
Default Voltage (Float)		27V		40.5V	54V
Low Battery (V)	10.5V ± 0.2V	21.0V ± 0.2V		31.5V ± 0.2V	42.0V ± 0.2V

## PROTECTIONS & USER INTERFACE

Protection	• Reverse Polarity (Panel/Battery), Short Circuit, Battery Overcharge & Deep Discharge				
User Interface	Display & Indications	LED		LED & LCD	
	LED Indications	• Faults: Battery Low & High, Reverse Current, Panel Charging Overcurrent			
		• Battery Charging Status			
	LCD Display	NA		• Solar PV Power	
				• Battery Voltage	
				• Charging Mode	
• Load On/Off					
		• Faults: Battery Low & High, Reverse Current, Charging Overcurrent			
		• Charging Status			

## GENERAL

Operating Temperature	0°C to 50°C				
Dimensions (LxWxH) in mm	112 x 125 x 25	125 x 100 x 45	264 x 183 x 90		
Net Weight (Kg)	0.32	0.45	1.48		

Technical Parameters are subject to change without any prior notice

# LIVSERV SERVICE NETWORK

NOW SERVING COUNTLESS STATES ACROSS THE COUNTRY





**380+**  
Trained Service Engineers



### **On-Site\* Service Facility**

- ◆ Solar Panel, UPS, PCU, SCC & SMU: Customer End
- ◆ Battery: CSC location



**50+** Service centre locations Pan India

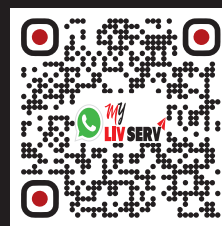


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