



Livguard Energy 👩 @livguardenergy 🔰 @LivguardEnergy ከ Livguard







Livguard Energy Technologies Private Limited Plot no. 221, Udyog Vihar Phase-I, Gurgaon-122016, Haryana, India. www.livguard.com



## APNI BIJLI BANAO, EXPERT KO BULAO.

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#### **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.

### LIVGUARD SOLAR PRODUCT RANGE

#### **SOLAR PANEL**

40 WATT – 545 WATT





#### **SOLAR MANAGEMENT UNIT**

30 A - 50 A

#### **SOLAR CHARGE CONTROLLER**

10 A- 50 A





#### **SOLAR BATTERY**

40 AH – 240 AH

#### **SOLAR UPS**

700 VA – 2200 VA





#### **PWM POWER CONDITIONING UNIT**

3.5 KVA – 10 KVA

#### **SOLAR UPS MPPT**

1000 VA – 2500 VA





#### MPPT POWER CONDITIONING UNIT

3 KVA – 15 KVA

#### **GRID INTERACTIVE HYBRID**

• 1-PHASE: 3KVA - 5KVA

• 3-PHASE: 10KVA - 30KVA



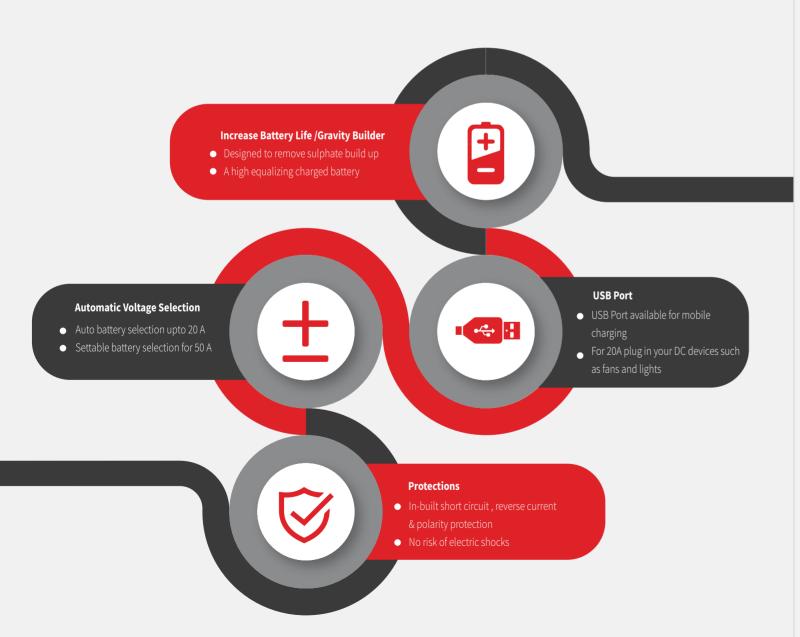


# SOLAR CHARGE CONTROLLER

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.







#### 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				
Туре	Series Regulator Common Positive				
System Voltage	12 / 2	24 V	24 / 36 / 48V		
Setting	Auto Se	ensing	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)	14.20	28.4V		42.6V	56.8V
Float Voltage (V)	42.5	27V	26.6V - 28.2V	39.9V - 42.3V	53.2V - 56.4V
Default Voltage (Float)	13.5	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			
	Display & Indications	LED	LED & LCD		
User Interface LCD Display	I ED Indications	Faults: Battery Low & High, Reverse Current, Panel Charging Overcurrent			
	LED Indications	Battery Charging Status			
	LCD Display		Solar PV Power		
			Battery Voltage		
			Charging Mode		
		NA	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



#### **NOW SERVING COUNTLESS STATES ACROSS THE COUNTRY**





650+ **Trained Service Engineers** 



- On-Site\* Service Facility

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



**Service centre locations Pan India** 

