



Cruze & Shine Combo

Luminous Cruze & Shine retrofit combo is an economical solar hybrid solution that runs heavy loads with ease. Equipped with an intelligent system, Cruze combo automatically synchronizes the Grid and optimizes the Solar usage thus providing clean, green and reliable power.

It is ideal for running heavy loads like Dental Chair, Water Motors, Refrigerators, Washing Machines etc.

Range available: | 2 KVA to 7.5 KVA

Features	Benefits
Pure sine wave output	Safe for sensitive products like TV, PC, laptops etc.
Solar optimization technique	Saves on electricity bills
Wide choice of PV modules	Can charge batteries from solar panels in different configurations
Inbuilt reverse polarity, reverse current & short circuit protection	No risk of electrical shocks or hazards
High overload handling capacity	Suitable for running heavy appliances

Technical Specifications

Model Name	Cruze 2 KVA + Shine 2420	Cruze 3.5 KVA + Shine 4850	Cruze 5.5 KVA + Shine 9650	Cruze 7.5 KVA + Shine 12050	
Capacity	2000VA	3500VA	5500VA	7500VA	
Battery Voltage	24V	48V	96V	120V	
Solar Panel	Upto 800Wp	Upto 2800Wp	Upto 5600Wp	Upto 7000Wp	
Operating Voltage	100V-285V	100V-285V	140V-280V	140V-280V	
Charge Controller Rating	20 Amp/24V	50 Amp/48V	50 Amp/96V	50 Amp/120V	
Max Grid Charging Current	21 Amp	21 Amp	12Amp	12Amp	
Indications	Cruze	Mains On, UPS On, UPS Overload, Battery Low, Battery Charging, Level of Battery Charge			
	Shine	PV & Grid status, Charging source, Battery type, Battery voltage, Savings			
Protections	Cruze	Overload, Short-circuit, Battery Deep Discharge Protection, & MCB Protection			
	Shine	Reverse polarity, reverse current, Over-voltage, Over-temperature protections			
Net Weight (Kg)	Cruze	22.25	31.90	59.2	64
	Shine	1.2	4.5	5.7	5.7
Dimensions LxWxH (mm)	Cruze	280x305x280	280x305x380	588x341x347	600x350x360
	Shine	178x71x159	375x315x135	375x315x135	375x315x135
	MRP	Rs. 22,995-	Rs. 39,330-	Rs.69,100-	Rs.88,850-

Shine Solar Retrofit Solution

Luminous Shine Solar Retrofit is an upgrade of Charge controller which when connected to any existing UPS converts it into 100% Solar UPS without any change in electrical wiring. It has inbuilt intelligence to maximize use of solar energy to power your appliances.



Features	Benefits
Easy upgradation	Converts normal UPS into solar UPS
Solar optimization technique	Saves on electricity bills
Three different modes	Enables solar usage up to 100%
LED/ LCD indications	Displays different parameters as per system status
Inbuilt reverse polarity & reverse current protection	No risk of electric shocks or hazards
Wide choice of PV modules	Can charge batteries from solar panels in different configurations

Technical Specifications

Model Name	Shine 1220	Shine 2420	Shine 3650	Shine 4850	Shine 9650	Shine 12050
Specifications	Parameters					
System rating	20A @12V	20A @12V/24V	50A@24V/36V	50A @48V	50A @96V	50A @120V
Solar panel compatible wattage	100Wp-400Wp @ 12V	100Wp-400Wp @ 12V 200Wp-800Wp @ 24V	250Wp - 1700Wp @ 24V 375Wp - 2550Wp @ 36V	Upto 2800 Wp	Upto 5600 Wp	Upto 7000 Wp
Maximum solar panel voltage	25V	45V	55V @ 24V, 75V @ 36V	90V	180V	230V
Operating temperature range	0°C to + 450°C	0°C to + 450°C	0°C to 50°C	0°C to + 450°C	0°C to + 450°C	0°C to + 450°C
Power connection	30A Terminal Block	30A Terminal Block	65A Terminal Block	60A Terminal Block		
Wire size	6mm2 Maximum	6mm2 Maximum	10 Sq. mm	16mm2 Maximum		
Dimension (mm)	178x71x159		280x129x205	375x315x135		
Weight (kg)	1.2	1.2	3	4.5	5.7	5.7
Maximum Retail Price	Rs. 2,595-	Rs.2,995-	Rs. 8,200-	Rs.11,827-	Rs.17,172-	Rs.23,850-