

# HOME POWER BOX

## SHREEFORCE BACK UP POWER SUPPLY

For residential and commercial applications

The Home Power Box system is developed by Shreenath Smart Technologies Pvt. Ltd. for residential and commercial applications.

Home Power Box can provide electricity whenever there is a power outage and can be charged by either using the grid or solar panels. It offers incredible flexibility, expandability and is compatible with Shreeforce inverter and other major inverter brands

Home Power Box is an ideal replacement for diesel/petrol/kerosene generator sets and Lead acid battery based back-up power.



### Cost Benefits

The cost of owning the Diesel Generator (DG) includes the upfront cost of a DG set, cost of constructing a concrete slab, adding an automation panel, cost of fuel, transporting & storing fuel, periodic maintenance cost (for oil filter replacement, part replacement, visit charges of the engineer). On the other hand the only cost of a Home Power Box is the upfront purchase cost. Over its lifetime the total cost of owning a Home Power Box is less than half of the total cost of owning diesel/petrol/kerosene generator set.

Product Type	Home Power Box - 5.1 kWh	Home Power Box - 7.6 kWh
Battery Type	Lithium Ferro Phosphate (LiFePO4)	
Nominal Capacity	5.1 kWh	7.6KWh
Power Rating	5.5 KVA Peak (3.5KVA continuous)	
Operation Temperature	-20-60°C	
Cycles	4000 Cycles @80% DoD, 25°C	
Life	8-10 years	
Net Weight	~60kg	~100kg
Communication Port	RS485/RS232/CAN	
BMS Protection	Overcurrent, overvoltage, under voltage, short circuit, over temperature	
Parallel Connection Quantity*	upto 8 units (40 kWh)	upto 8 units (60 kWh)
Installation Type	Wall-mounted or Floor-standing	

\* For longer back up requirements, multiple units of Home Power Box can be connected to a single inverter



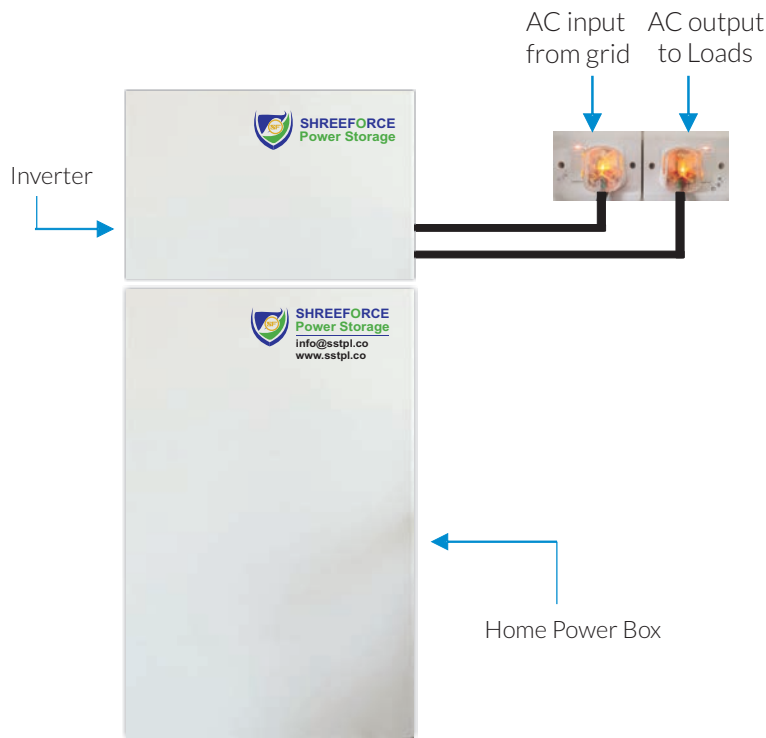
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# HOME POWER BOX

Seamless backup power. With or without solar.

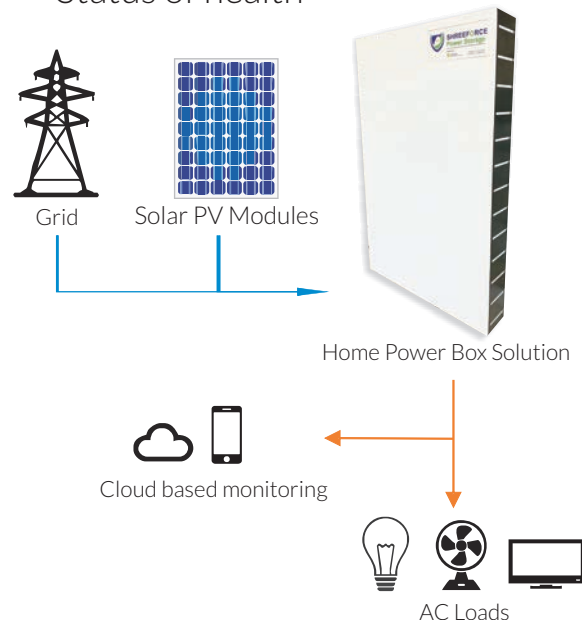
Home Power Box can be used as back-up power for residential and commercial applications. Home Power Box detects grid outages and automatically becomes your home/office/buildings main energy source.



## Home Power Box Solution

### Salient Features of Home Power Box

- Extremely low maintenance
- Protection against water and dust ingress IP65 compliant
- Small footprint and compact
- Extremely safe and reliable
- Environment friendly
- Light in weight and easy to transport
- Expandable power capacity
- Better aesthetics
- Highly efficient
- Remote monitoring
- Longer back up
- Longer life cycle
- Seamless mounting
- Protection systems included



It can be charged using either solar panels or through the grid and power appliances such as lights, fans, TV, air conditioner and fridge.

This system has no moving components and hence there is less chance of a break down. It can be placed indoors since it does not require any fuel and has zero emissions.

### Remote Monitoring Feature (Optional)

You can monitor the status of Home Power Box using a mobile application. This application helps you view:

- Charging percentage
- Charging/Discharging status
- Status of health

### Salient Features of Shreeforce Inverter

- Silent Operation
- High Charging Power
- Sleek design to match Home Power Box
- Longer Life
- Enhances performance of Home Power Box