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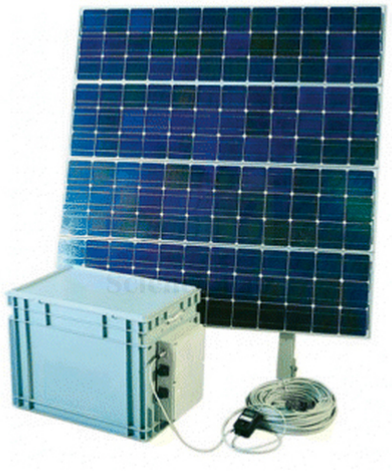
Product Name :

200 Wp Solar Power System, Complete

Product Code :

SLE/CME/03



Description :

200 Wp Solar Power System, Complete (Product Code: SLE/CME/03) is a standard, heavy-duty solar power package used to give permanent installations such as a radio room or remote repeater site direct or back-up electricity. It combines four 50W solar modules, two maintenance-free 12V batteries in a battery box, a charge controller, a metal support structure and the installation material. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory equipment supplier in India that also sources off-grid power systems.

Specifications

Parameter	Detail
Solar modules	4 x 50W solar electric modules (200 Wp), mounted electrically in parallel
Batteries	2 x maintenance-free 12V/120-125Ah, connected in parallel
Battery housing	Battery box, with the charge regulator mounted on its side
Charge controller	Included
Support structure	Heavy-duty metal (aluminium) support structure
Installation material	All required cabling, nails and plugs
Typical applications	Direct or back-up power for a complete radio room or a remote repeater site
Installation requirement	Must be installed by qualified technical staff
Type	Complete off-grid solar lighting/charging kit
PV capacity	200 Wp STC
Includes	PV module, controller, protected distribution, cables, mounting hardware and lights
Charging	USB phone charging
Product code	SLE/CME/03
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 200 Wp Solar Power System Used For?

The system is intended for permanent installations that need their own electricity, typically a complete radio room or a remote repeater site. The four panels are wired in parallel and fixed to the aluminium support structure, heavy-duty cable runs from them to the charge regulator on the side of the battery box, and the two batteries inside the box are connected in parallel to the regulator.

Mount the panels on a rooftop or another secure location with a direct view of the sun, and adjust the support elevation for the most solar power across the day. The aluminium support must be prope
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