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Product Name :

Solar Direct Drive Ref. Sun

Product Code :

SLE/CCE/09



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Description :

Solar Direct Drive Ref. Sun (Product Code: SLE/CCE/09) is a solar direct drive vaccine refrigerator used to keep vaccines cold at health facilities without a dependable grid supply, in both warm and cooler locations. It holds 54.5 litres of net vaccine storage, runs on R600a refrigerant and is rated for ambient temperatures from +5°C up to +43°C. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for health-programme andlab equipment tender buyers in India and abroad.

Specifications

Parameter	Detail
Type	Complete stand-alone SDD refrigerator with all necessary components and fittings (plug and play)
Net vaccine storage volume	54.5 litres
Refrigerant	R600a
Ambient operating temperature	Min. +5°C, max. +43°C
Freeze protection	Grade A
Solar power system	Matched to the refrigerator's power consumption, climate, ambient temperatures and a solar radiation reference of 3.5 kWh/m² per 24 hours
Solar panel origin	Canada or India
Manuals	User, installation and technician's manuals in English
Temperature range	+2 to +8 °C (vaccine zone)
Monitoring	Continuous logger/alarm
Power	Solar direct drive (direct PV operation)
Product code	SLE/CCE/09
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Solar Direct Drive Ref. Sun Used For?

The Ref. Sun is chosen for clinics whose rooms get cool at night or in winter, because its specified ambient range starts at +5°C rather than a warmer minimum. With 54.5 litres of net volume it serves a busy clinic or a small health centre, storing routine vaccines between deliveries. The solar array powers the cooling directly, so the facility is not tied to grid hours, fuel or generator maintenance.

For procurement, note that the solar panels for this model are listed as of Canadian or Indian origin

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