

# SPV RAILWAY SIGNALING SYSTEM

## INTRODUCTION

SPV system provides reliable and economical power for energising the signal motor and lamps at isolated railway signals that are far from grid power.

## DEPLOYMENT

REIL has supplied and installed over 340 SPV Signaling Systems on various sections of Western Railways. These systems are working satisfactorily under adverse climatic conditions of very high temperature, dust-storms, etc.

## SPECIFICATIONS

Each system consists of the following:

1. SPV Module - 35Wp
2. Battery - 12V, 80AH
3. Signaling PCB to energise front & back bulb with automatic dusk to dawn switching
4. Charge control unit
5. Wire-set
6. Frame for Module

## KEY FEATURES

- Highly Modular in nature
- Little or no maintenance required
- Non-polluting in nature
- Depends on inexhaustible source of energy
- Easy to operate
- No recurring cost
- Automatic operation - No manpower required

## APPROVALS

REIL's SPV Modules are approved by R.D.S.O., Ministry of Railways vide their approval No. STS/E/CellSolar dated 16.10.95.



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