



Solar Paddy Thresher

A Clean-Green-Economic Solution



- An ICAR certified technology
- Environment friendly, efficient and economic alternative to laborious manual paddy threshing
- A green and innovative solution with zero emissions
- Ergonomically designed to meet comfort and safety standards
- Say good by to expenses on electricity and diesel in paddy threshing
- Threshing in remote areas made easy

Specifications

Panel capacity

975 Wp

Motor capacity

Threshing drum: 500 W DC

Winnower: 250 W DC

Drum speed range

450-750 RPM

Straw moisture range

18-28 %

Threshing efficiency

98.4-99.3 %

Cleaning efficiency

98.8-99.6 %

Machine Capacity

5.0-5.5 q/day

Salient Features

Simultaneous threshing and winnowing

Works without battery

6-7 hours of daily operation

Drum/winnower speed controllers

Suited for wide range of moisture content

Straw remains intact for other uses

Continuous shade over operator

Folding panels for easy transport

Low operation cost (<Rs 100/q)

Low maintenance cost

Portable and ergonomic

No dependency on grid electricity

Revenue generation through custom hiring



Open for licensing

We are now open to offer licensing of **Solar Paddy Thresher** to make the units available to the end-users.

Who can be our licensee?

Equipment manufactures
Entrepreneurs
Registered Start-ups

About Us

Indian Council of Agricultural Research (ICAR) is a leading R&D organization of Ministry of Agriculture and Farmer's Welfare. We at ICAR-RCER are committed to devise sustainable solutions to farming in Eastern India.



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

Agrisearch with a human touch



ICAR-Research Complex for Eastern Region

ICAR Parisar, P. O.: Bihar Veterinary College, Patna, Bihar – 800014

Phone: 0612-2223962; Email: director.icar-rcer@icar.gov.in