

# Universal Solar Pump Controller (USPC) | Generating Revenue from Unused Energy

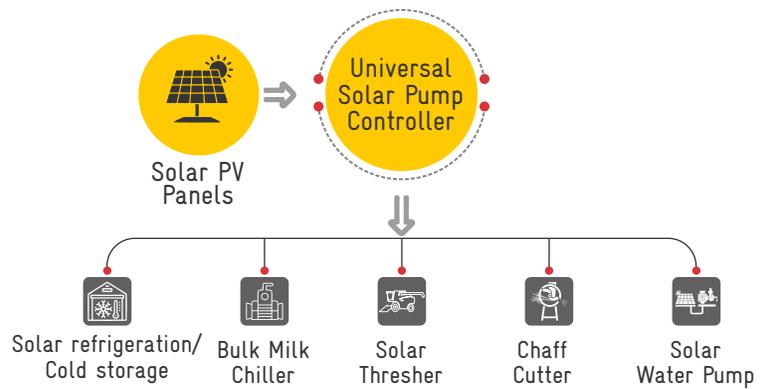
Universal Solar Pump Controller (USPC) can operate agricultural equipment and support other energy needs of a farmer at no additional energy cost

## Standalone off-grid solar pump set with normal controller



Typically used for 100-150 days in a year for irrigation purpose and for remaining days energy remains unutilized

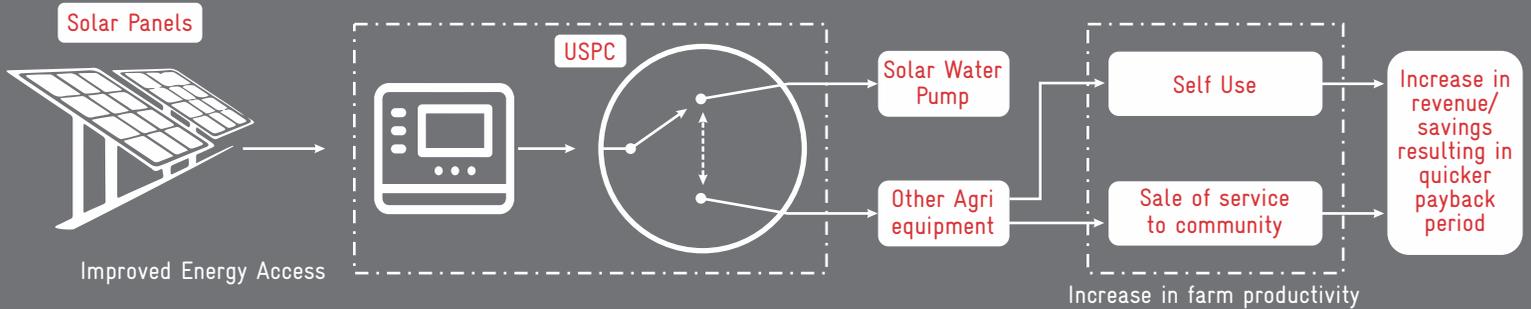
## Standalone off-grid solar pump set with USPC



Compatible three phase equipment's can be used as well as in place of above-mentioned equipment

## Key Benefits to farmer

### High Utilization of Solar Energy



When SWP is not in use, connect other Agri equipment

As a federally owned enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

**Published by:**  
Ministry of New and Renewable Energy (MNRE), Government of India  
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

**Registered offices:**  
Bonn and Eschborn, Germany

**Address:**  
1st Floor, B-5/2, Safdarjung Enclave New Delhi – 110 029, India  
T +91 11 4949 5353  
E nilanjan.ghose@giz.de | www.giz.de

**Programme/project description:**  
Indo-German Energy Programme – Promotion of Solar Water Pumps

**Responsible:**  
Nilanjan Ghose  
Senior Advisor  
Indo-German Energy Programme – Promotion of Solar Water Pumps (IGEN-PSWP)

**Disclaimer:**  
While care has been taken in the collection, analysis, and compilation of the data and has been prepared in good faith on the basis of information available at the date of publication without any independent verification, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH does not guarantee or warrant the accuracy, reliability, completeness or currency of the information in this publication. GIZ shall not be liable for any loss, damage, cost, or expense incurred or arising by reason of any person using or relying on information in this publication.

**Editors:**  
Prasun Das, Energy Advisor (IGEN-PSWP, GIZ India)

**Design/layout:** KPMG Advisory Services Pvt. Ltd.

On behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ)  
New Delhi, 2022

**Supported by:** Ministry of New and Renewable Energy (MNRE), Government of India