

Zorastra

China-based sourcing and solution partner

ZoraPump-AC1500 Solar Pump Kit

1.5 kW AC solar submersible pump kit for orchard, farm and irrigation distributors. Designed to turn head / flow data into a practical quotation.

Orchards

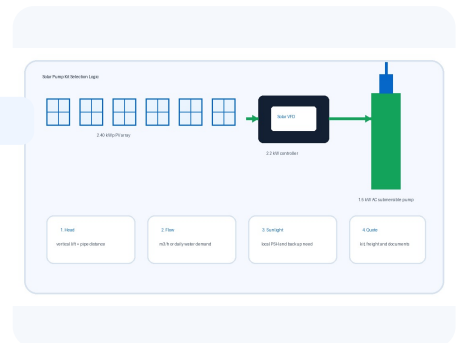
2.40 kWp PV

AC pump

Grid backup optional

CORE KIT CONFIGURATION

Pump	1.5 kW / 2 HP AC submersible centrifugal
Flow / head	Max 5.0 m3/h, max 120 m head
Outlet / size	1.25 inch outlet, 4 inch pump diameter
Material	SS304 impeller and housing, IP68
Controller	2.2 kW solar VFD, DC 200-400 V
PV array	6 x 400 W mono panels, 2.40 kWp, 3S2P
Daily output	20-40 m3/day at 6 PSH, varies by head



KIT CONTENTS

- AC submersible pump with cable.
- Solar VFD controller for PV operation.
- PV panels and ground-mount structure.
- DC / AC cable set and MC4 connectors.
- Optional float switch or tank-level control.

APPLICATION SCENE



Neutral generated scene: orchard irrigation, PV array, pump and water outlet

QUOTE CHECKLIST

- Water source depth, vertical lift and pipe distance.
- Required flow rate or daily water volume.
- Application crop and irrigation area.
- Grid backup requirement, destination and quantity.

Performance note

Daily water output is not fixed. It changes with total head, sunlight, pipe loss and irrigation schedule.

SELECTION WORKFLOW

1
Head

2
Flow

3
Sun

4
Quote

Use this as the main CTA: send water head and flow requirement. It filters serious buyers and avoids blind price comparison.

COMMERCIAL NOTES

MOQ	1 unit sample, 5 units regular
Logistics	Approx. 180 kg, 1.5 CBM
Warranty	2 years for pump + VFD
Price	Indicative FOB Shenzhen: USD 1,150-1,400
HS code	8413.70

How to sell it

Do not start with model price only. Ask for head and flow first, then return a matched kit and freight estimate.

Image note: Use real pump photo, pump curve or installation photo when supplier material becomes available.