

# SOLAR PUMP DRIVE

A new generation Inverter



# Drive the Next

FRENIC SOLAR **Ace**



Drive a new era. Presenting FRENIC SOLAR-ACE - a new generation inverter

Standard-equipped with customizable logic functions - MPPT function

Users can customize the functionality of the inverter.

The industry's smallest class compact design (up to 0.75 kw)



	0.1kW	0.2kW	0.4kW	0.75kW	1.5kW	2.2kW	3.7kW	5.5kW	7.5kW	11kW	15kW	18.5kW	22kW	-----	220kW
Single-phase 200 V series	●	●	●	●	●	●									
Three-phase 200 V series	●	●	●	●	●	●	●	●	●	●	●	●	●		
Three-phase 400 V series			●	●	●	●	●	●	●	●	●	●	●	●	●

In addition to the standard type, our lineup also includes models with built-in EMC filters for all capacities

Supports all capacities and multiple ratings and is applicable for light overload applications making use of a one-frame smaller inverter



## Features

- Improved ease of operation and maintenance  
Remote multi-function key pad with backlit LCD screen available (option)
- Functional safety compliance  
ISO13849-1 PL-e, Cat3 IEC1800-5-2 STO SIL3
- Global Standard Compliance
- Solar Panel voltage set point calculation at every start
- True Maximum Power Point Tracking (MPPT) function
- Detection of sudden changes of conditions
- Stop criteria selectable (frequency and/or power)
- Start criteria by solar panel voltage and time
- Dry pump detection function
- Water tank maximum level detection function
- Low power detection function
- Two sets of PID gains

Notes : Solar VFD panel is supplied through competency centre as per specification and requirement

### Head Office:

Fuji Electric India Private Ltd.

409-410, Meadows, Sahar Plaza, J.B.Nagar, Andheri-Kurla Road, Andheri (E), Mumbai - 400 059. India  
Phone: +91-22-4252 4850, 4010 4870/71, 2820 6383 | Fax: +91-22-4010 4872

E-mail: info@fein.fujielectric.com | www.fujielectric.co.in

**Technical Competency Centre:** Block No. I-6, Sumeet Logistics & Industrial Park,  
Off. Mumbai Nashik Highway, Village Kukse, Taluka Bhiwandi - 421302,  
District - Thane, Maharashtra India

Authorized Channel Partner

