

SI21 Series Solar Pump Inverter

Mini | Economic



Product Features



Flexible & Various Installation

MINI & Various installation methods



Side by side installation, no need to reserve clearance



Rail mounting, plug into it then use it



Side mounting, sideways installation if vertical space is not compatible

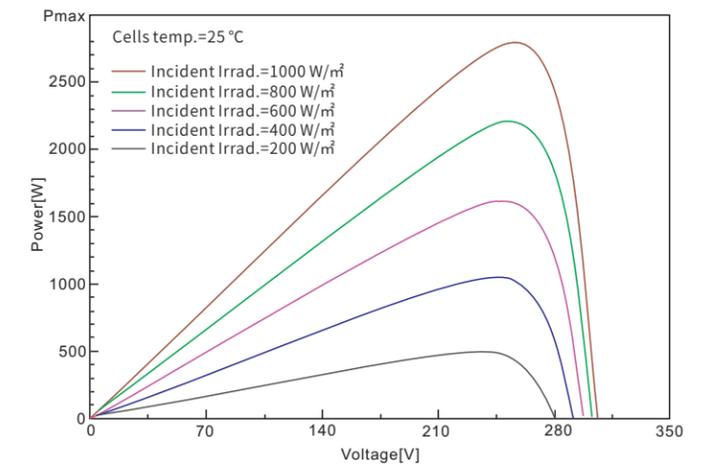
Advanced Technology

- S.R.M. & P.M.S.M. & A.M. Driving .
- Energy Saving & Pump more water .

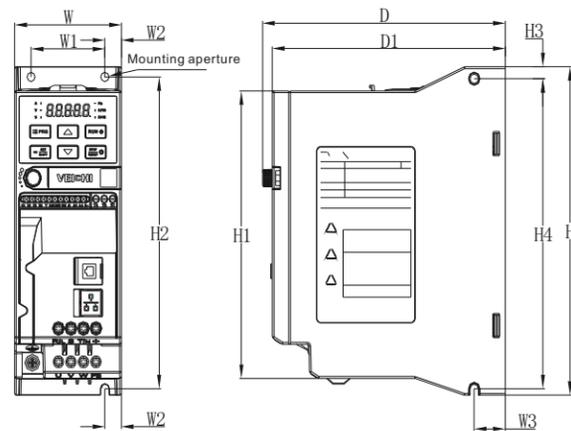


MPPT Technology

- Whole voltage range .
- Efficiency up to 99.8% .

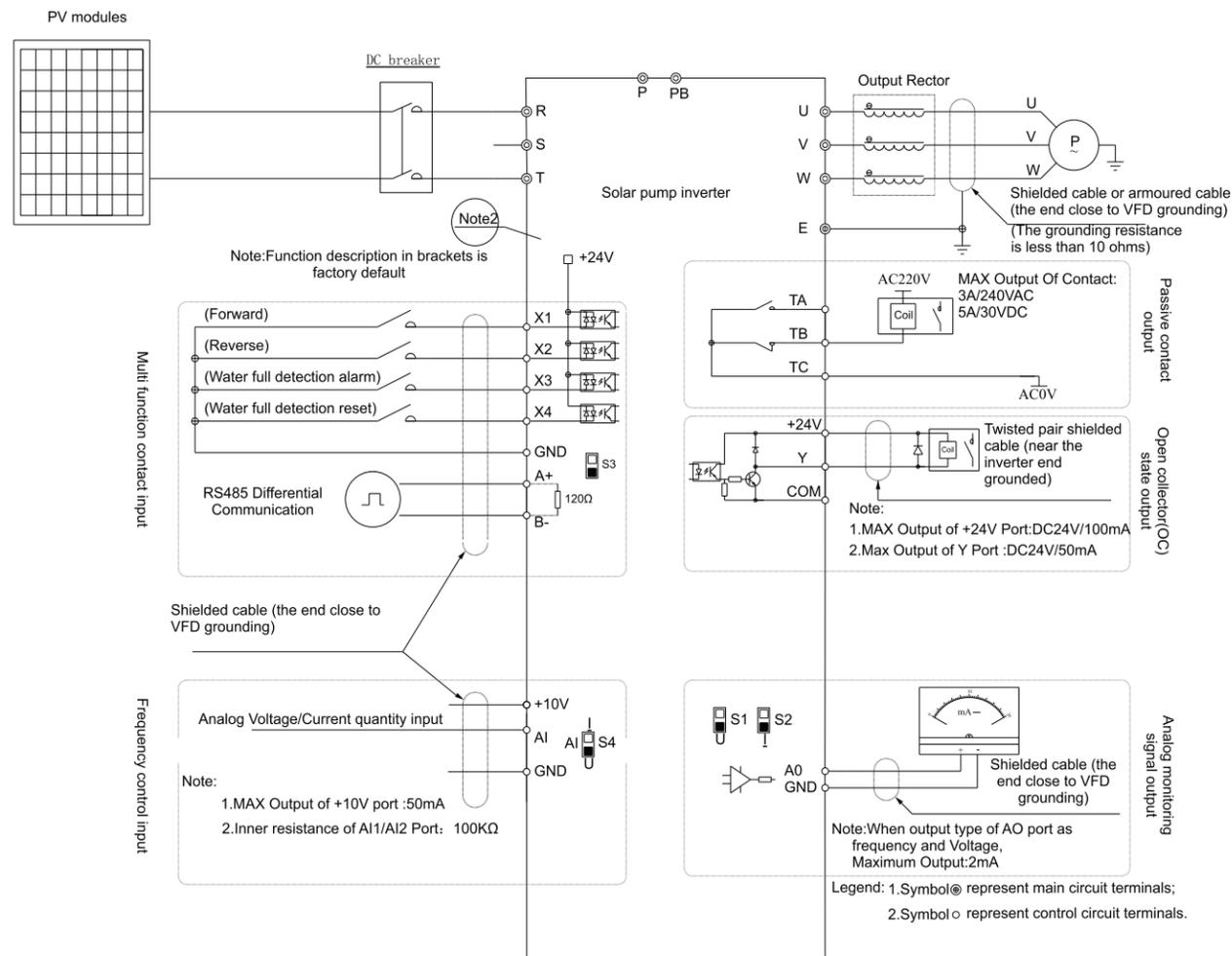


Dimension Of SI21 Solar Pump Inverter



VFD model	Dimensions (mm)					Installation size (mm)						Mounting aperture
	W	H	H1	D	D1	W1	W2	H2	W3	H3	H4	
SI21-D1-1R5G-A	75	202	180	163	157	55	10	193	19	6.5	192	3-M4
SI21-D3-2R2G-A												
SI21-D5-R75G-A	65	177	155	148	142	45	10	168	19	6.5	167	3-M4
SI21-D5-1R5G-A												
SI21-D5-2R2G-A												
SI21-D5-004G-A	75	202	180	163	157	55	10	193	19	6.5	192	3-M4
SI21-D5-5R5G-A												

Solar Pump Inverter Standard Wiring Diagram



Technical Specification



Total solar panels Voc input range	D1 series: 60~400V DC
	D3 series: 150~450V DC
	D5 series: 250~780V DC
AC input voltage/frequency range	D1 series: Single/three phase 110Vac 50/60Hz
	D3 series: Single/three phase 220/230Vac 50/60Hz
	D5 series: Three phase 380Vac 50/60Hz
Output voltage/frequency range	D1 series: 110~230V AC 0~600Hz 0.75~1.5KW
	D3 series: 150~230V AC 0~600Hz 0.75~2.2KW
	D5 series: 230~460V AC 0~600Hz 0.75~5.5KW
Overload capacity	1. 150% rated current 60s
	2. 180% rated current 10s
	3. 200% rated current 0.5s
MPPT efficiency	Up to 99.8%
Solar pump inverter protection	1. Low speed protection
	2. Dormancy function
	3. Undervoltage/Overvoltage protection
	4. Input/output phase lose protection
	5. Phase-Phase/ Phase to ground short circuit protection
Analog signal input/output	0~20mA/0~10V
Multifunction digital terminal	4X input 1X output
Build-in relay control	Control relay opening and closing according to inverter status
Warranty period	18 months