felicitysolar®

Make life full of hope



1~3kW

Off-grid High-frequency Solar Inverter

IVCM-PRO Series AC-230V

Features

Remote Monitoring via Fsolar APP

Built-in MPPT Solar Charge Controller

Mains / Generator Compatible

Cold Start Function



IVCM-PRO Series

Guangzhou Felicity Solar Technology Co.,Ltd.

www.felicitysolar.com sales@felicitysolar.com

No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China **(Only 10 Mins from Baiyun International Airport)**

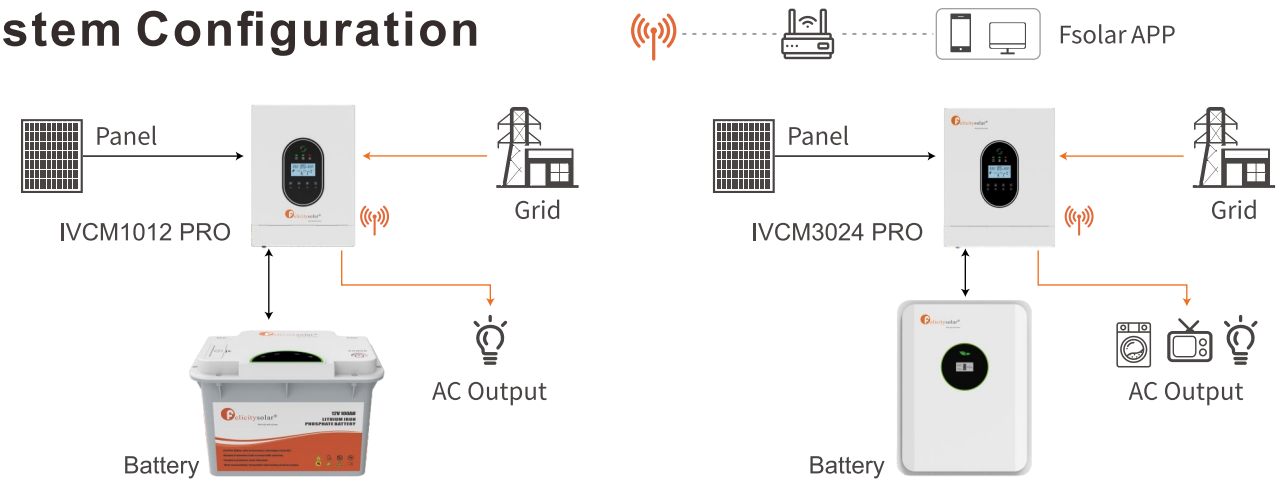
Official Website

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Model	IVCM1012 PRO	IVCM2024 PRO	IVCM3024 PRO
Line Mode Specifications			
Rated Output Power	1000VA/1000W	2000VA/2000W	3000VA/3000W
Instant Output Power (Turbo Mode)	3000W	4000W	4500W
Nominal DC Input Voltage	12V	24V	24V
Input Voltage Wave form	Sinusoidal (Utility or Generator)		
Nominal Input Voltage	230Vac		
Nominal Input Frequency	50Hz/ 60Hz(Auto Detection)		
Max. Bypass Overload Current	10A	15A	30A
Max. Inverter/Rectifier Current	5A/1000W	10A/2000W	15A/3000W
Utility Charge Mode Specifications			
Nominal Input Voltage	230Vac		
Input Voltage Range	90-280Vac		
Nominal Output Voltage	Dependent on Battery Type		
Max. Charge Current	20A	20A	30A
Charge Current Requlation	10-20A (Adj 10A)	20-30A (Adj 10A)	20-30A (Adj 10A)
Over Charge Protection	Yes		
Solar Charging & Grid Charging			
Max. PV Open Circuit Voltage	105V	145V	145V
Operating Voltage Range	15-90V	30-120V	30-120V
Max. Input Power	800W	1600W	1600W
Max. Solar Charging Current	60A		
Max. Charging Current(PV+Grid)	80A	80A	90A
Max. Input Current	35A		
General Specifications			
Operating Temperature	-10°C~55°C		
Range Storage Temperature	-15°C~60°C		
Net Weight(KG)	5.5KG	6.5KG	6.5KG
Product Size (D*W*H)	340x248x107MM	340x248x107MM	340x290x124MM
Package Dimension (D*W*H)	422x330x181MM	422x330x181MM	422x372x198MM

*Refer to Felicitysolar's Warranty Policy for applicable conditions.

System Configuration



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