Optimizer

PEOP700/1000/1200/1400

PEOP-1000W PROJOY
Input: Vin*2: 13-75VDC Vmppt*2: 13-70VDC
Imax: 16ADC Isc: 17ADC
Output: Vout: 0-150VDC Imax: 16ADC
Pmax:1100W Max.PV System Voltage: 1500VDC
Toper: -40°C~+85°C IPrate: IP67

PEFS-PL-D PROJOY
Input Voltage: 12VDC Toper: -40°C~+85°C
Wireless Range: < 50m IPrate: IP65
Radio Frequency: 2.4GHz
Up to PV Modules: 400

Product Features

- Secure solar system, remote shutdown, reduce high voltage risk

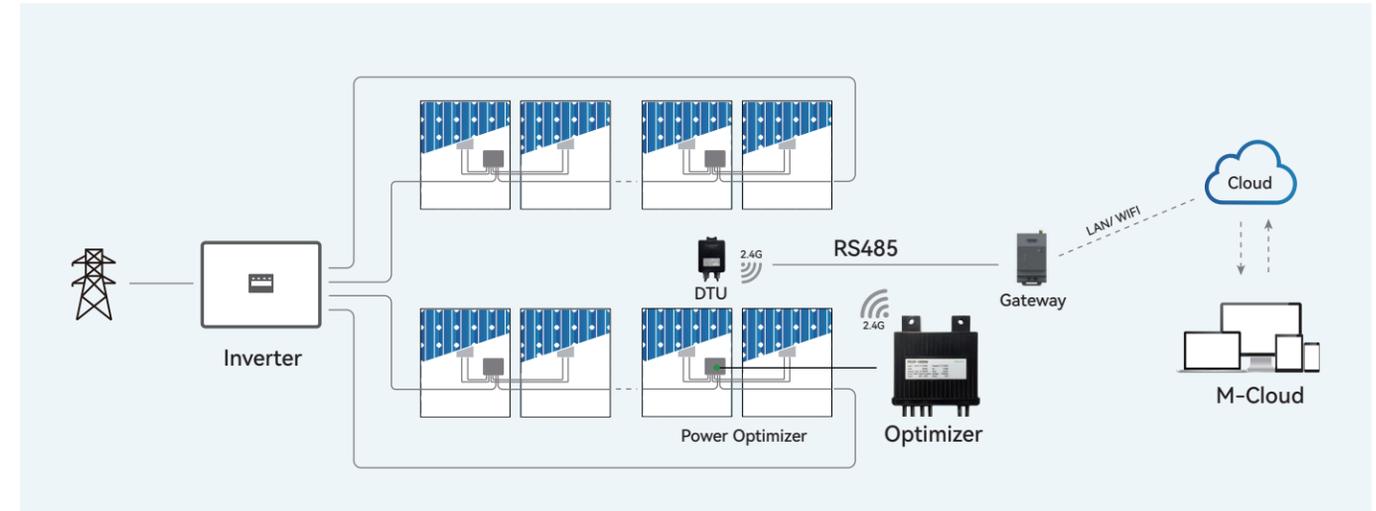- Module-level MPPT, power generation increase 30%

- Real-time module level monitoring, timely warning and positioning the problem

- Compatible with most mainstream PV modules and inverters

- Clip/Screw fixing optional, flexible installation methods

- 25 years lifespan, perfectly matching solar modules

Diagram

Projoy Monitoring

Projoy M Cloud monitoring system offers 24/7 real-time monitoring to solar systems, allowing full monitoring control, remote firmware upgrades, site-specific settings and full readiness for flexibility services – ideal for a future-proof offering.

Web

https://pro.projoy-electric.com/login

APP

iOS   Android

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Technical data

Model	PEOP700	PEOP1000	PEOP1200	PEOP1400
Input Data				
Quantity of Input	1	2	2	2
Recommended Module Power (W)	600-700	400-500	500-600	600-700
Max. Input Power (W)	700/700	500/500	600/600	700/700
MPPT Voltage Range per Input (V)	13~60	13~60/13~60	13~60/13~60	13~60/13~60
Max. Input Voltage per Input (V)	60	60	60	60
Max. Short-circuit Current per Input (A)	21	15	17	21
Max.Input Current per Input (A)	20	14	16	20
Output Data				
Max.Output Power (W)	700	1000	1200	1400
Max. Output Current (A)	20	14	16	20
Output Voltage Range (V)	0~60	0~120	0~120	0~120
Full-load output Voltage Range (V)	35~40	70~80	70~80	70~80
Others				
Peak Efficiency	99.60%	99.60%	99.60%	99.60%
Max.System Voltage	1500V	1500V	1500V	1500V
Dimensions(WxHxDmm)	129*143*30			
Weight	985g			
Communication	2.4GHz wireless			
Ingress Protection	IP68			
Cooling	Natural convection			
Operating Ambient Temperature Rang	-40~+85℃			
Humidity	0%~90%			

Product Showcase

PEOP-700/1000/1200/1400

Technical data

Model	PEOP-DTU
Input Data	
Working Voltage	12Vdc
Working Current	20mA
Communication Data	
Data Input	2.4GHz wireless
Data Output	RS485
Wireless Range (to PEOP)	≤50m
Connection No.of PEOP	50
Others	
Dimensions (WxHxD mm)	88*120*38.5
Working Temperature	-40~+85℃
Ingress protection	IP65

Gateway LDW-3	
Input Data	
Working Voltage	AC 150~380V
Working Current	10mA
Communication	
Data Input	RS485
Data Output	RJ45, WiFi
Max Connection No. Of PEOP-DTU	10
Others	
Working Temperature	-30℃ ~70℃
Dimensions (WxHxD mm)	54*68*91

Product Showcase

Gateway

DTU