

XANADU-10K 48VDC

XANADU SERIES MPPT SOLAR INVERTER



- ♦ Pure sine wave solar inverter
- ♦ Output power factor up to 1.0
- ♦ Compatible to AC mains or generator inputs
- ♦ Considerable PV input types
- ♦ Build-in smart solar charger (PWM/MPPT)
- ♦ Battery independent design for 5kW
- ♦ Auto restart while AC is recovering
- ♦ Configurable AC/Solar input priority via LCD setting
- ♦ Selectable input voltage range for home appliances and personal computer loads
- ♦ Dual outputs for smart load management (optional)
- ♦ Dual PV input max 36A (for 10kVA)
- ♦ Replaceable anti-dust kit ;
- ♦ Feed in-to Grid (optional)
- ♦ Colorful LCD & touch pad (optional)
- ♦ Lithium battery supportable via RS485/CAN (optional)
- ♦ Wifi monitoring supportable (optional)



Pure sine wave



High efficiency



Rechargeable lithium &
VDI A Batteries



ECO



Generator Compatible



WIFI Monitoring

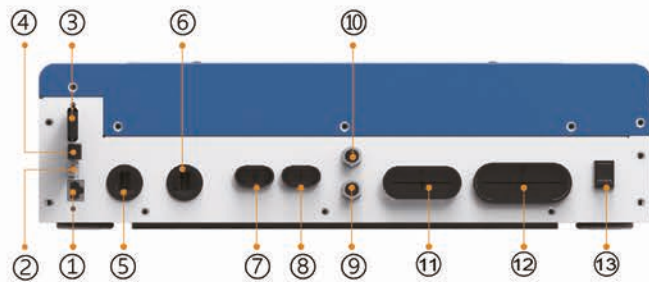
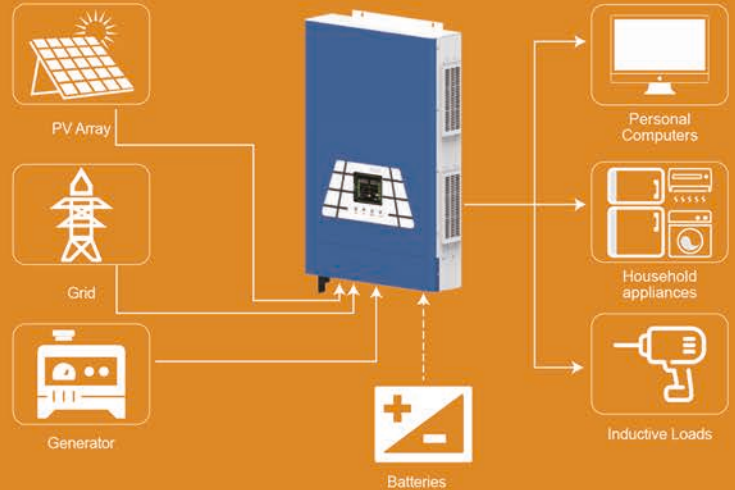


Built in MPPT



Parallel Operation

SOLAR SYSTEM DIAGRAM

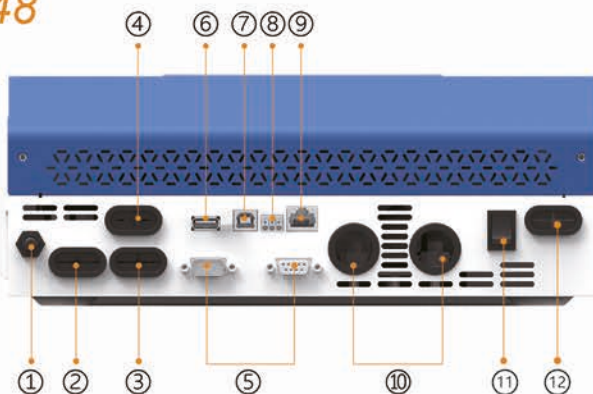


Xanadu 10048

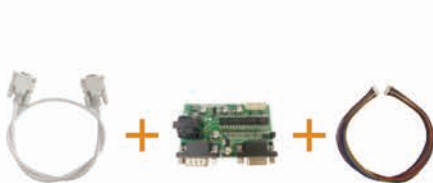
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|-----------------------|---------------|
| ①—RS485 | ②—Dry contact |
| ③—Wi-Fi Communication | |
| ④—USB Communication | |
| ⑤—BAT+ | ⑥—BAT- |
| ⑦—PV1 | ⑧—PV2 |
| ⑨—Breaker1 | |
| ⑩—Breaker2 | |
| ⑪—AC Input | |
| ⑫—AC Output(Group1/2) | |
| ⑬—Power Switch | |

Xanadu 3024 / 5048

- | |
|-----------------------|
| ①—Input breaker |
| ②—AC Output(Group1) |
| ③—AC Output(Group2) |
| ④—AC Input |
| ⑤—Parallel connection |
| ⑥—Wi-Fi Communication |
| ⑦—USB Communication |
| ⑧—Dry contact |
| ⑨—RS485(optional) |
| ⑩—DC input |
| ⑪—Power Switch |
| ⑫—PV input |



Accessories

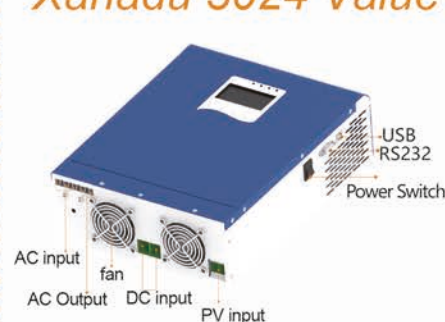


Parallel Kit



WiFi Module

Xanadu 3024 Value



SPECIFICATION

MODEL	XANADU 3024 VALUE		XANADU 3024	XANADU 5048	XANADU 5048-LI	XANADU 10048
Rated Power	3000VA/2400W		3000VA/3000W	5000VA/5000W	5000VA/5000W	10000VA/9500W
Parallel Capability	No		No	Yes (optional),up to 9 units	Yes (optional),up to 9 units	Yes (optional),up to 4 units
Operation Without Battery	No		No	Yes	Yes	No
Lithium Battery Communication	No		No	No	Yes	Yes
Dual Output	No		No	Yes (optional)	Yes (optional)	Yes
INPUT						
Voltage	220/230/240VAC					
Selectable Voltage Range	170~280Vac(for personal Computer) 90~280Vac (for home appliances)					
Frequency Range	50Hz/60Hz(Auto sensing)					
OUTPUT						
AC Voltage Regulation(Batt.Mode)	(220VAC~240VAC) ±5%					
Surge Power	6000VA	6000VA	10000VA	10000VA	20000VA	
Wave form	Pure Sine Wave					
Inverter Efficiency(Peak)	93%	93.5%	94%	94%	94%	
Transfer Time	10ms(typical)					
BATTERY						
Normal Voltage	24VDC			48VDC		
Floating Charge Voltage (settable)	27.6VDC			55.2VDC		
Overcharge Protection	30VDC			60VDC		
SOLAR CHARGER & AC CHARGER						
Max PV Array Open Circuit Voltage	85VDC	145VDC	500VDC	500VDC	500VDC	
PV Array Voltage Range	PWM 30-85VDC	MPPT 30~115VDC	MPPT 120~450VDC	MPPT 120~450VDC	MPPT 120~450VDC	
Num. of MPP Trackers	/	1	1	1	2	
Maximum PV Input Power	1200W	1500W	6000W	6000W	12000W(6000W*2)	
Maximum PV Input Current	50A	14A	18A	18A	18A*2	
Maximum Solar Charge Current	50A	60A	100A	100A	100A*2	
Maximum AC Charge Current	50A	60A	100A	100A	200A	
Maximum Charge Current	100A	120A	100A	100A	200A	
COMMUNICATION						
Interface	USB/RS232			USB/RS485/CAN/DRY CONTACT		
Wifi Monitoring	Yes (optional)					
MECHANICAL SPECIFICATIONS						
Machine Dimensions(H*W*D)(mm)	235*315*95	310*467*116			460*700*120	
Package Dimensions(H*W*D)(mm)	310*400*185	570*375*200			805*530*200	
Net Weighe(kg)	4.2	7.4	9.25	9.25	22.85	
Gross Weight(kg)	5.25	9	10.85	10.85	25.05	
CERTIFICATION						
CE	EMC: EN IEC 61000-6-3:2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021/EN IEC 61000-6-1:2019			VD: EN 62109-1:2010 EN 62109-2:2011		
OTHER						
Humidity	5% to 95% Related Humidity (Non-condensing)					
Operating Temperature	0℃~40℃					
Storage Temperature	-15℃~60℃					

Product specifications are subject to change without further notice

Shenzhen Talegent Innovation Technology Co.,Ltd