

XANADU Series MPPT Solar inverter

ILLUMINE YOUR ENERGY STORAGE SYSTEM WITH COLORFUL TOUCHABLE LCD



- ◆ 4.3" / 5" / 7" colorful touchable LCD are optional
- ◆ Operation status display by RGB lights
- ◆ Built-in real-time clock ,supports time-of-use setting
- ◆ Built-in Wifi & BlueTooth

Available for whole range inverters



Xanadu Series MPPT Solar inverter

- ◆ Pure sine wave solar inverter
- ◆ Output power factor up to 1.0
- ◆ Compatible to AC mains or generator inputs
- ◆ 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
- ◆ Multiple protections for AC short-circuit, DC short circuit, DC reverse polarity ,PV input lightning etc.
- ◆ Replaceable anti-dust kit
- ◆ Support no battery operation(3.6/5.6kW/6.5kW)
- ◆ Feed in-to Grid (optional)
- ◆ Dual outputs for smart load management (optional)
- ◆ Dual inputs (AC/GENSET) for 6.5kW
- ◆ Colorful LCD & touch pad (optional)
- ◆ Lithium battery supportable via RS485/CAN (optional)
- ◆ Wifi monitoring supportable (optional)



Pure sine wave



High efficiency



Rechargeable lithium & VRLA Batteries



ECO



Generator Compatible



WIFI Monitoring

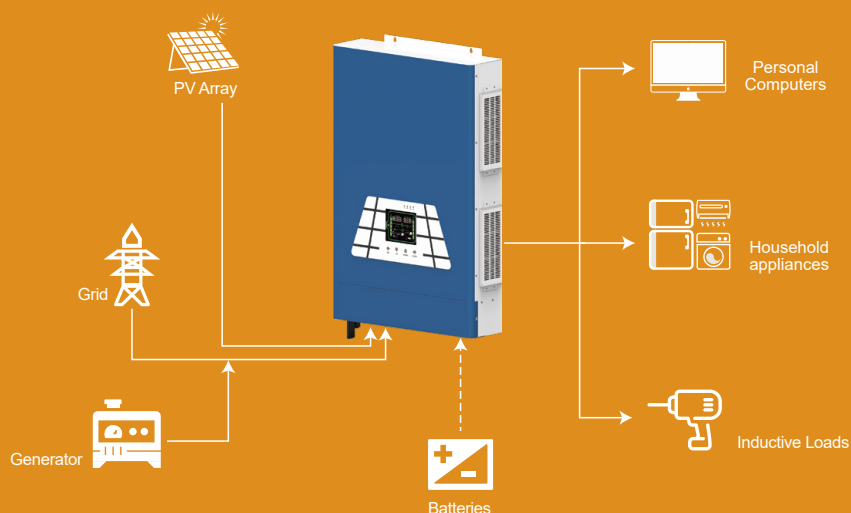


Built in MPPT

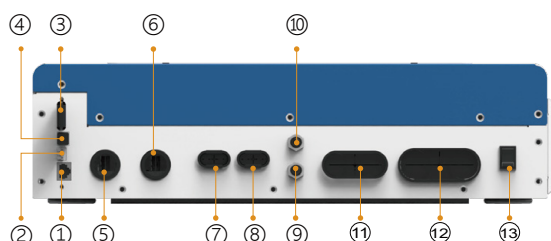


Parallel Operation

SOLAR SYSTEM DIAGRAM

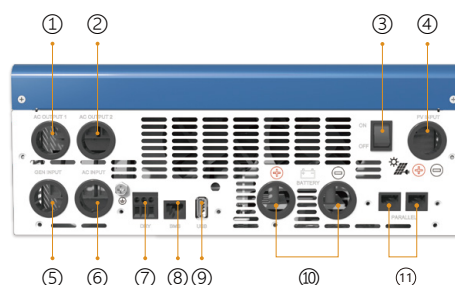


Xanadu 10048



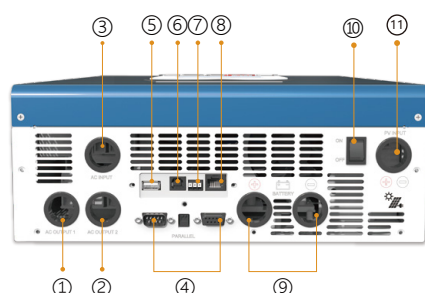
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|-----------------------|-----------------------|
| ①—RS485 | ⑧—PV2 |
| ②—Dry contact | ⑨—Breaker1 |
| ③—Wi-Fi Communication | ⑩—Breaker2 |
| ④—USB Communication | ⑪—AC Input |
| ⑤—BAT+ | ⑫—AC Output(Group1/2) |
| ⑥—BAT- | ⑬—Power Switch |
| ⑦—PV1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

Xanadu 6548



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

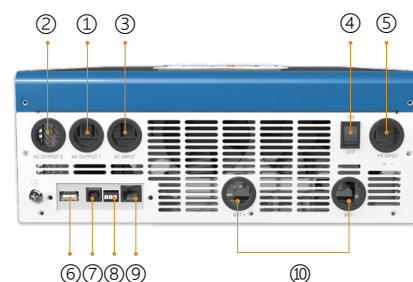
Xanadu 5648 (-LI)



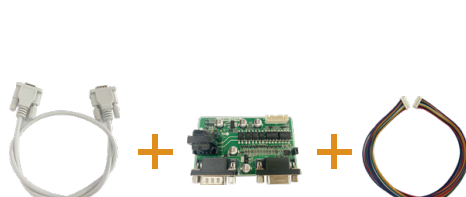
- | |
|-----------------------|
| ①—AC Output(Group1) |
| ②—AC Output(Group2) |
| ③—AC Input |
| ④—Parallel connection |
| ⑤—Wi-Fi Communication |
| ⑥—USB Communication |
| ⑦—Dry contact |
| ⑧—RS485(optional) |
| ⑨—DC input |
| ⑩—Power Switch |
| ⑪—PV input |

Xanadu 3624 (-LI)

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



Accessories

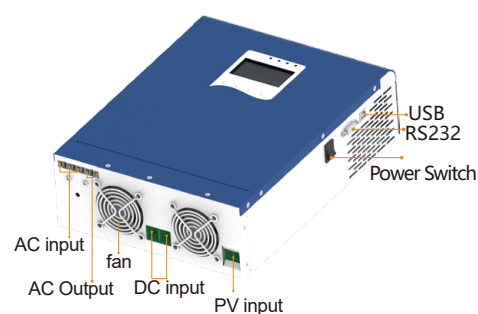


Parallel Kit



WiFi Module

Xanadu 3024 Value



SPECIFICATION

MODEL	Xanadu 3024 Value	Xanadu 3624	Xanadu 3624-LI	Xanadu 5648	Xanadu 5648-LI	Xanadu 6548	Xanadu 10048
Rated Power	3000VA/2400W	3600VA/3600W	3600VA/3600W	5600VA/5600W	5600VA/5600W	6500VA/6500W	10000VA/10000W
Parallel Capability	No	No	No	Yes (optional),up to 9 units	Yes (optional),up to 9 units	Yes (optional),up to 9 units	Yes (optional),up to 4 units
Operation Without Battery	No	Yes	Yes	Yes	Yes	Yes	No
Lithium Battery Communication	No	No	Yes	No	Yes	Yes	Yes
Dual Output	No	Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)	Yes
INPUT							
Voltage	220/230/240VAC						
Selectable Voltage Range	170~264Vac(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	7200VA	7200VA	11200VA	11200VA	13000VA	20000VA
Wave form	Pure Sine Wave						
Inverter Efficiency(Peak)	93%	93.5%		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	500VDC	500VDC	510VDC	510VDC	550VDC	510VDC
PV Array Voltage Range	PWM 30-85VDC	MPPT 40~450VDC	MPPT 40~450VDC	MPPT 120~450VDC	MPPT 120~450VDC	MPPT 60~450VDC	MPPT 120~450VDC
Num. of MPP Trackers	/	1	1	1	1	1	2
Maximum PV Input Power	1200W	5000W	5000W	6000W	6000W	7800W	12000W(6000W*2)
Maximum PV Input Current	50A	18A	18A	19A	19A	27A	19A*2
Maximum Solar Charge Current	50A	100A	100A	100A	100A	120A	100A*2
Maximum AC Charge Current	50A	100A	100A	100A	100A	100A	200A
Maximum Charge Current	100A	100A	100A	100A	100A	120A	200A
COMMUNICATION							
Interface Display	2.8" LCD						5.2" LCD
Comm Ports	USB/RS232	USB/RS232	USB/RS485/CAN/DRY CONTACT	USB/RS232	USB/RS485/CAN/DRY CONTACT		
Wifi Monitoring	Yes (optional)						
MECHANICAL SPECIFICATIONS							
Machine Dimensions(H*W*D)(mm)	235*315*95	316*467*120					460*700*120
Package Dimensions(H*W*D)(mm)	310*400*185	570*375*200					805*530*200
Net Weighe(kg)	4.2	8		8.6		9.8	22.9
Gross Weight(kg)	5.25	9.2		9.8		11	25
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