120V / SPLIT PHASE OFF GRID SOLUTION

6500W | 48VDC | 120V | SPLIT PHASE 240V*

SOLAR INVERTER

*requires 2 units or more in parallel



Split Phase (or 3-Phase) L1-L2=208V



uires 2 u





TÜVRheinland CERTIFIED

High PV Input

AC

INPUT

L2

240V N-

120

Max PV input up to 250V (Voc) allows more efficient PV wiring in series

🏜 Built-in Parallel Kit

No more worry about not having enough power. Maximum expansion up to 6 units. Battery is required in a parallel setup

🛖 Large PV Support

This inverter offers dual 2X PV input, with a total PV array support up to 8KW combined. Max charging current up to 120A.

TUV / UL Certified

Now TUV / UL certified this inverter is fully compliant in regions that recognize this important safety standard

菸 Built-in WIFI Transmitter

Integrated WIFI transmitter allows monitoring on smartphone Apps (Android and iPhone). Internet connection is required.

Timer Control

Users can use built-in timer controls to program the time periods when a output power source or charging source will apply.

💢 Battery Optional

Battery is no longer required in single unit mode and inverter can power load directly from solar.



2 supports 2 main lithium had

LV6548 supports 3 main lithium batteries — Pylontech, WECO, and Soltaro. Special cable is required and supplied separately

EQ Equalization Charge

Equalization charging is available and up to 62V. Duration and time of interval between equalizations can also be programmed.







EXTENED LITHUM BMS SUPPORT

LV6548 offers integrated BMS com port for Pylontech / Weco / Soltaro Lithium BMS systems. BMS allows inverters to communicate accurately with battery and settings will automatically be applied.

WATCHPOWER WIF

· ····· -----A REAL PROPERTY AND A REAL A REAL PROPERTY AND A REAL

......

> Download App and monitor data & control setting from your phone

·····

C BERNARD		Britery Made	
base elements.	Product this has a	· Parameter Series	
the mage	4.04	thread large	
	A1044	Second Second Second	
Ph. Paper Strengt	1.00	Presidential and the second	
Survey release	14.00	descent in the second	
(harmonic Canadiana)	1.000	The second second	
Series Daugrapherer's	14		
Berry Declaration of	54. S		
10.75 (http://www.com			
A Court Preserves	201204		

SPLIT PHASE LV SERIES	LV6548		
Rated Inverter Power	6500W		
Parallel Capability	Up to 6 units (built-in parallel kit)		
ELECTRICAL SPECIFICATION			
Output Waveform	Pure sine wave		
Nominal Output Voltage	120 VAC		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
AC Voltage Regulation (Batt. Mode)	120VAC ± 5%		
Efficiency (Peak)	91%		
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)		
No Load Power Consumption	<70W		
Battery Nominal Voltage	48V	•	
Max Bulk/Float Charge	62 VDC		
Overcharge Protection	66 VDC		
Cold Start Voltage	46 VDC		
SOLAR CHARGER & AC CHARGER			
Solar Charger type	МРРТ		
Maximum PV Array Power	4000W (each)		
PV Input	2		
Recommended Minimum PV input	90 VDC		
Max PV Input Current	18A (each)		
Maximum PV Array Voc	250V (each)	and the second second	
Maximum Solar Charge Current	120A		
Maximum AC Charge Current	120A		
Maximum Total Charge Current	120A		
ENVIRONMENTAL / MECHANICAL SPECIFICAT	ION		
Communication Interface	USB/BMS/RS232/WIFI/dry contact	14.1	
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating / Storage Temp	-10 ℃ to 40℃/ -15℃ to 60℃		
Compliance Safety	UL1741 compliant (TUV)		
Dimension, D X W X H (mm)	554 x 433 x 148		
Net Weight (kgs)	19kg		
*Product specifications are subject to char	nae without further notice		

