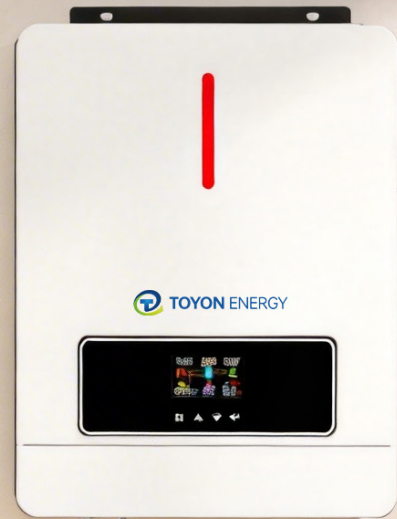


OFF GRID

Low Voltage Inverter

OLV Series 3.6KW 6.2KW



120A
MAX PV
CHARGING

PURE
SINE WAVE

WORKS
WITH AND WITHOUT
BATTERY

UPGRADED
MPPT

LI-ION

BUILT IN
ANTI DUST
KIT

APP

WIFI&GPRS

LCD Display

RGB
LIGHTS

120V
AC OUT

DUSTPROOF

Features

- Pure sine wave solar inverter(On/Off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- AC output voltage 120VAC
- Built-in 120A MPPT Solar charge: max 4200W(for 3.6kW);max6000W(for 6.2KW)
- High PV input voltage range(60~500VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output

OLV SERIES

PRODUCT DESCRIPTION

INVERTER	OLV Series 3.6KW	OLV Series 6.2KW
MODEL		
Phase	1-phase	
Maximum PV Input Power	4200W	6000W
Rated Output Power	3600W/3600VA(3000/3150/3300)	6200W/6200VA(5300/5500/5700)
Maximum Solar Charging Current	120A	
GRID-TIE OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
GRID OUTPUT(AC)		
Nominal Output Voltage	120VAC(100/105/115Vsettable)	
Output Voltage Range	90~150VAC	
Nominal Output Current	30A	51.7A
Power Factor	>0.99	
EFFICIENCY		
Maximum Conversion Efficiency(DC/AC)	98%	
TWO LOAD OUTPUT POWER		
Full Load	3600W	6200W
Maximum Main Load	3600W	6200W
Second Load Range	1200W	1240W~4340W
Maximum Load Cut Off Voltage	26VDC	52VDC
Maximum Load Return Voltage	27VDC	54VDC
OFF-GRID OPERATION		
AC INPUT		
AC Start-up Voltage/Auto Restart Voltage	110VAC/120VAC	
Acceptable Input Voltage Range	90~150VAC+2%	
Frequency Range	50+1Hz/60+1Hz	
Maximum AC input Current	40A	80A
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
BATTERY MODE OUTPUT(AC)		
Nominal Output Voltage	120VAC(100/105/115Vsettable)	
Output Wave Form	Pure sine wave	
Efficiency (DC to AC)	94%	
BATTERY&CHARGER		
Nominal DC Voltage	24VDC	48VDC
Maximum Solar Charging Current	120A	120A
Maximum AC Charging Current	100A	100A
Maximum Sotar+AC Charging Current	120A	120A
HYBRID OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
GRID OUTPUT(AC)		
Nominal Output Voltage	120VAC(100/105/115V settable)	
Output Voltage Range	90~150VAC	
Nominal Output Current	30A	51.6A
AC INPUT		
AC Start-up Voltage/Auto Restart Voltage	120~140VAC/100VAC	
Acceptable Input Voltage Range	90~150VAC	
Maximum AC Input Current	40A	80A
Maximum Charging Current	120A	
GENERAL		
PHYSICAL		
Dimension ,H*W*D(mm)	420*350*110	
Carton Dimension,H*W*D(mm)	500*415*180	
Net Weight (kg)	8.8	9.5
Gross Weight(kg)	10	11.5
INTERACE		
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10°C~50°C	
STANDARD		
Compliance Safety	CE	