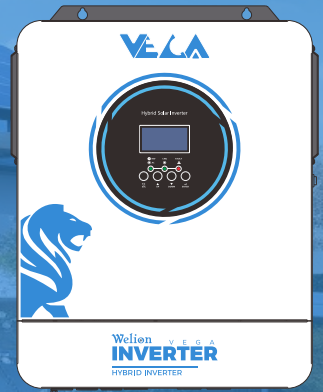
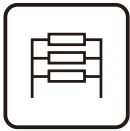




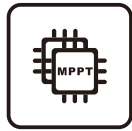
# MODEL VEGA-6200 PRO



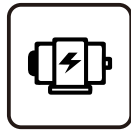
## Welion <sup>V E G A</sup> INVERTER



Parallel 12 units



120A MPPT



Generator  
Connection



No Battery Mode



RS232 / RS485



PF=1.0



Lithium Battery  
Activation



Built-in WiFi Optional

## Features

- Compatible work with lifepo4 battery
- Parallel operation up to 12 units in 1phase or 3phase
- Direct Plug WIFI Dongle Supported
- Pure sine wave
- Power factor 1.0
- PV input 500Vdc Max
- Built-in MPPT 120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle



# Technical Data



MODEL		VEGA-6200 PRO
Capacity		6.2KVA/6.2KW
Parallel Capability		YES,12 Units
Lithium battery activation		YES( By PV or Utility)
Lithium battery Communication		YES(RS485)
INPUT		
Nominal Voltage		230VAC
Acceptable Voltage Range		170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency		50/60 Hz(Auto sensing)
OUTPUT		
Nominal Voltage		220/230VAC±5%
Surge Power		12400VA
Frequency		50/60Hz
Waveform		Pure Sine wave
Transfer Time		10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency		94%
Overload Protection		5s@>=140% load; 10s@110%~140% load
Crest Factor		3:1
Admissible Power Factor		0.6~1 (inductive or capacitive)
BATTERY		
Battery Voltage		48VDC
Floating Charge Voltage		54VDC
OverCharge Protection		63VDC
Charging Method		CC / CV
SOLAR CHARGER & AC CHARGER		
Solar Charger Type		MPPT
Max.PV Array Power		6500W
Max.PV Array Open Circuit Voltage		500VDC
PV Array MPPT Voltage Range		60VDC~450VDC
Max.Solar Input Current		27A
Max.Solar Charge Current		120A
Max.AC Charge Current		80A
Max.Charge Current		120A
PHYSICAL		
Dimensions,D x W x H(mm)		450*300*130
Package Dimensions,D x W x H(mm)		540x390x210
Net Weight(Kg)		10.6
Communication Interface		RS232 / RS485
ENVIRONMENT		
Operating Temperature Range		(-10°C to 50°C)
Storage Temperature		(-15°C ~ 50°C)
Humidity		5% to 95% Relative Humidity ( Non-condensing )