



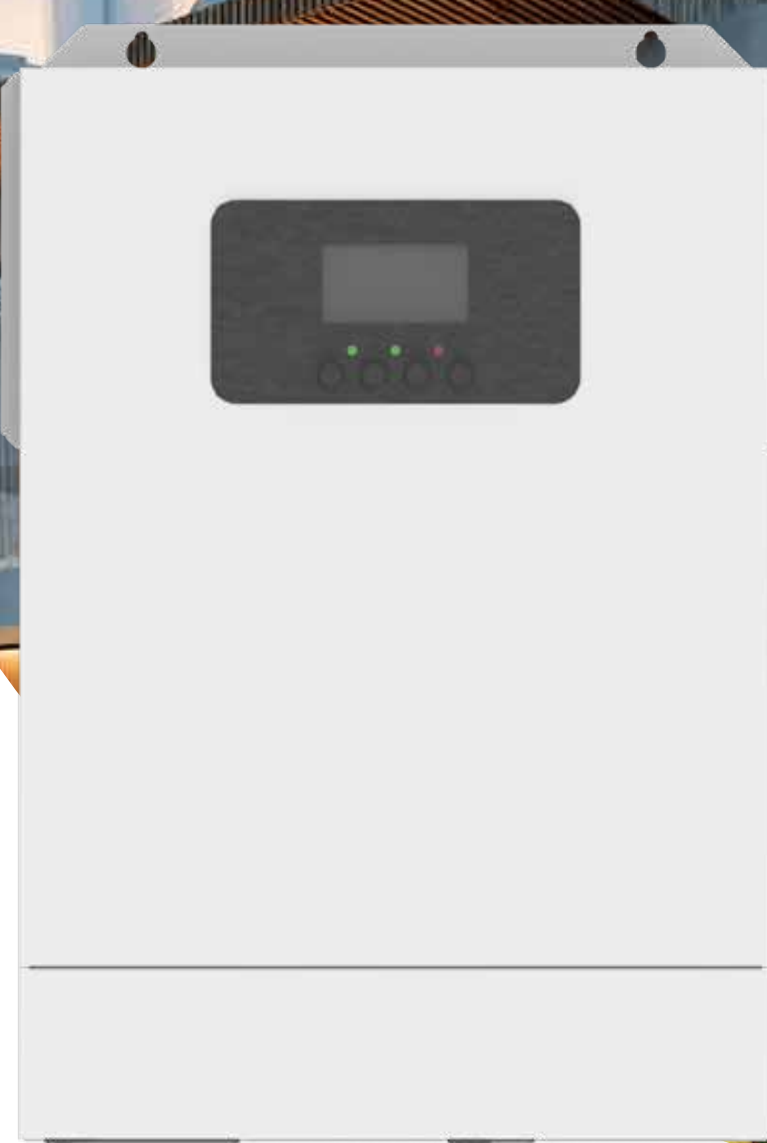


# QLW50E1

## Residential wall mounted

-  Light storage integrated structure, easy to install indoors
-  Multiple operating modes are available for more flexible use
-  UPS uninterruptible power supply, pure sine output, built-in MPPT controller
-  WIFI distribution network, remote monitoring of energy storage system operating status



QLW50E1	
<b>AC output</b>	
Output rating	5000VA/5000W
Output waveform	pure sine wave
Output voltage	230Vac
Output frequency	50Hz or 60Hz
Maximum efficiency	93%
Overload protection	10s@(100%~140%) ; 5s@(140%~150%)
<b>AC input</b>	
Rated input voltage	230Vac
Input voltage waveform	Sine wave (mains or generator)
Input voltage range	170Vac~280Vac (UPS) ; 90Vac-280Vac (APL)
Incoming frequency	50Hz/ 60Hz (Automatic detection)
Input frequency range	40Hz ~ 65Hz
UPS switching	Typical value 10ms; Max. 20ms
AC Maximum charging current	80A(Battery terminal)
<b>PV input</b>	
PV maximum current	18A
MPPT maximum power tracking	YES
Solar charging starting voltage	150V
MPPT voltage range	60V-500V
Maximum open circuit voltage of photovoltaic	500V
Maximum photovoltaic charging current	100A(Battery terminal)
<b>Battery input</b>	
Rated battery voltage	48V
Battery voltage range	42V~60V
<b>Other Parameters</b>	
Communication interface	RS485,RS232(WIFI Module externalization)
Operating temperature range	-10~55°C
Ambient humidity	5% to 95% Relative Humidity (Non-condensing)
Storage ambient temperature	-15°C~60°C
Stuttle	8.2kg
Size LxWxH(mm)	438*310*105