



A WORLD LEADER

Growatt | 3kW | 24V
Pure Sine Wave Inverter

GROWATT SPF 3000TL HVM-24 INVERTER SPECIFICATION SHEET

Multifunctional off grid solar inverter, integrated with a MPPT solar charge controller, a high frequency pure sine wave inverter and a UPS function module all in one machine. Perfect for off grid backup power and self-consumption applications. Transformerless design provides reliable power conversion in a compact size.

3000W

Rated **Power**

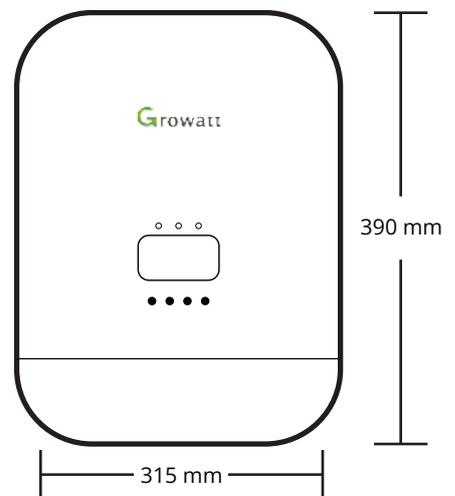
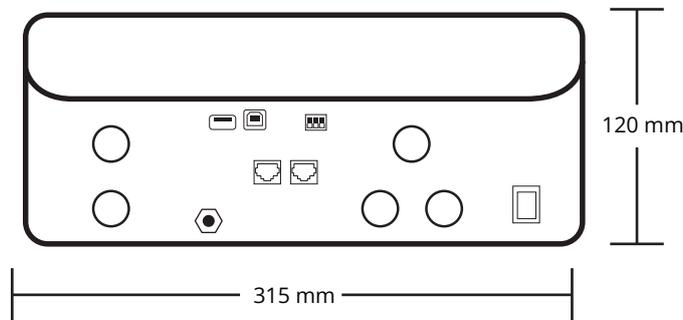
1500W

Max **Solar Array** Power

24V

Battery **Voltage**

DIMENSIONS



SOLAR-READY

INVERTER

SPECIFICATIONS

The Growatt SPF 3000TL HVM-24 supports MPPT ranges of 30V-80V with a maximum 80VDC producing pure sine wave AC output.

PEACE OF MIND WARRANTY

- ✓ CUSTOMISABLE RUNNING MODES
- ✓ DC/AC RATIO UP TO 1.2
- ✓ CAN & RS485 COMMUNICATION
- ✓ LiFePO4 & GEL BATTERY COMPATIBLE
- ✓ CAN & RS485 COMMUNICATION
- ✓ INTEGRATED MPPT SOLAR CONTROLLER

We reserve the right to change information without prior notice. Information is checked to ensure for accuracy, however we will not be held responsible for clerical errors (Errors and Omissions Excepted)

LiFeTide South Africa

+27 10 012 6841

[f @LiFeTide](#)

[t @LiFeTide](#)

[e sales@lifetide.co.za](mailto:sales@lifetide.co.za)



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DIMENSIONS

Length	400mm
Width	315mm
Height	130mm
Weight	8kg

AC Charger

AC Charge Current	30A
AC Input Voltage	230VAC
Selectable Voltage Range	90VAC - 280VAC

PV SPECIFICATIONS

Max. PV Input Voltage	102VDC
MPPT Voltage Range	30VDC - 80VDC
Number of Input Strings	1
Max. PV Input Current	18A
Max. Charge Current	80A

OUTPUT SPECIFICATIONS

Rated Power	3000W
Battery Voltage	24VDC
Max. Parallel Units	N/A
AC Voltage Regulation	230VAC ± 5% @ 50Hz
Surge Power	6 000VA
Peak Efficiency	93%
Waveform	Pure Sine Wave
Transfer Time	10ms - 20ms

BATTERY SPECIFICATIONS

Battery Type	Lead-Acid / Lithium
Battery Input	24VDC, 141A
Altitude	<2000m
Operating Temperature Range	0°C - 55°C
Rated Short-time Withstand Current	ICC ≤ 6kA

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