

Together we can
make a difference.™



Origin3000 3.0kW Solar System Inverter Specifications

Your Origin3000 system will be supplied with the following inverter:

- 1 x Delta FD= < 3

Please note the inverter supplied with your solar system is AS4777 accredited.

Please see the following specification sheet for further details and inverter specifications.



The power behind competitiveness

Delta RPI-Home Series

Grid PV Inverter

RPI H3



Product Features

- High frequency transformerless system
- Fanless design enhancing product life
- Wide voltage range
- High efficiency up to 97%
- LCD display panel
- VDE-AR-N 4105 certified
- Wall mountable
- IP-65 protection level



Delta RPI Home Series

Grid PV Inverter

RPI H3

Insight Power Monitoring Software

IPC monitoring system brings you the easy-to-read solar system report which clearly displays all the electricity information with graphics & tables.



Solar system general information display



Historical data in graphical display.

High Quality Protection Design

RPI-Home series is designed with IP65 protection level and fast connector features to enhance the performance under outdoor environment.



High Efficiency Performance

RPI-Home series performs high efficiency up to 97.5% with single MPPT to track the sunlight giving the maximum yields to your solar system.



Delta RPI-Home Series Product Specs

RPI H3_110

Input (DC)	
Operating voltage range	125-550Vdc
MPP voltage range	320-500Vdc
Max. input voltage	630Vdc
Start up voltage	150Vdc
Max. input current	10Adc
Number of MPPT	1
MC4 Connectors	2 pairs
Output (AC)	
Max. output power	3000VA
Max. output current	14.3A
AC voltage range	184-265Vac
Frequency range	50/60Hz +/-5Hz
Total harmonic distortion	<3%
Reactive Power	0.8 ind ~ 0.8 cap
Efficiency	
Peak efficiency	97.00%
Euro efficiency	96.20%
System Safty & Communication	
Communication port	RS485 / WiFi Optional
Display	LCD 16 characters x 2
Operating temperature range	-20°C to 60°C
Night time power consumption	<2W
Protection Level	IP65
Certification Safety	VDE AR-N 4105, AS4777
Mechanical information	
Physical size (DxWxH)	367 x 420 x 157 mm
Net weight	15 kg

All specifications are subject to change without prior notice.