

Delta RPI Home Series

Grid PV Inverter

RPI H3 / H5

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.



Delta RPI-Home Series Product Specs

	RPI H3	RPI H5
Input (DC)		
Operating voltage range	125-550Vdc	200-1000Vdc
MPP voltage range	320-500Vdc	310-850Vdc
Max. input voltage	630Vdc	1000Vdc
Start up voltage	150Vdc	250Vdc
Max. input current	10Adc	17.5Adc
Number of MPPT	1	1
MC4 Connectors	2 pairs	2 pairs
Output (AC)		
Max. output power	3000VA	5000VA (4600VA)
Max. output current	14.3A	24.5A
AC voltage range	184-265Vac	184-276Vac
Frequency range	50/60Hz +/-5Hz	50/60Hz +/-5Hz
Total harmonic distortion	<3%	<3%
Reactive Power	0.8 ind ~ 0.8 cap	0.8 ind ~ 0.8 cap
Efficiency		
Peak efficiency	97.00%	97.50%
Euro efficiency	96.20%	97.00%
System Safety & Communication		
Communication port	RS485 / WiFi Optional	RS485 / WiFi Optional
Display	LCD 16 characters x 2	LCD 16 characters x 2
Operating temperature range	-20°C to 60°C	-20°C to 60°C
Night time power consumption	<2W	<2W
Protection Level	IP65	IP65
Certification Safety	VDE AR-N 4105,	VDE AR-N 4105, CEI-021 RD1699
Mechanical information		
Physical size (DxWxH)	367 x 420 x 157 mm	470 x 531 x 167mm
Net weight	15 kg	24 kg

All specifications are subject to change without prior notice.