



The power behind competitiveness

Delta RPI-Home Series

Grid PV Inverter

RPI H3 / H5



Product Features

- Single MPPT design
- Transformerless inverter
- Wide operating range
- Fanless design enhancing product life
- Peak efficiency up to 97.5%
- LCD display
- IP65 protection
- Easy installation
- Optional wifi / ethernet
- Built-in DC Switch

 **DELTA**
Smarter. Greener. Together.

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RPI H3 / H5

Easy Installation

RPI-Home series is designed with IP65 protection level and MC4 fast connector features to enhance the performance in both indoor & 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

Model		RPI H3	RPI H5
DC Input	Max. input voltage	550V	1000V
	Operating voltage range	125~550V	200~1000V
	MPP voltage range	320~500V	310~850V
	Start voltage	150V	250V
	Rated voltage	350V	700V
	MPP tracker	1	1
	Max. input current	10A	17.5A
	Connection type	2 pairs MC4	2 pairs MC4
	AC Output	Max. output power	3000VA
Max. output current		14.3A	24.5A
Rated voltage		230V	230V
Operating voltage range		±20%	±20%
Operating frequency range		50/60Hz ±5Hz	50/60Hz ±5Hz
Power factor (adjustable)		0.8 ind ~ 0.8 cap	0.8 ind ~ 0.8 cap
THD		<3%	<3%
Night time consumption*		<2W	<2W
Efficiency	Peak efficiency	97.00%	97.50%
	Euro efficiency	96.20%	97.00%
Information	Communication port	RS485 / wifi optional	RS485 / wifi optional
	Display	LCD 16 characters x 2	LCD 16 characters x 2
Certification		VDE-AR-N 4105	VDE-AR-N 4105
		AS4777	AS4777
		AS3100	AS3100
		IEC 62109-1/-2	IEC 62109-1/-2
		EN 61000-6-2	EN 61000-6-2
		EN 61000-6-3	EN 61000-6-3
General Data	Operating temp. range	-25~60°C	-25~60°C
	Protection level	IP65	IP65
	Operating elevation	<2000m	<2000m
	Cooling	Natural cooling	Natural cooling
	Dimension (W x H x D, mm)	420 × 367 × 157	470 × 482 × 167
	Weight	14.5kg	24kg

* Night time consumption with standby communication & display

* All specifications are subject to change without prior notice.