



## YOUR BENEFITS

- Peak efficiency level of 98%
- Large input voltage range
- Fanless design for reduced maintenance costs
- Robust aluminium housing IP65
- Compact and lightweight design
- Extremely cost effective

1 Delta RPI H5A | 2 Delta RPI M10A

Inverter type	RPI H3	RPI H4A	RPI H5A	RPI M6A	RPI M8A	RPI M10A
Item number	239055	239011	239010	239023	239025	239026
<b>Technical data</b>						
Nominal output power $P_N$ [W]	3000	4000	5000	6000	8000	10000
Max. apparent power $S_{max}$ [VA]	3000	4000	5000	6300	8400	10500
Max. DC power P [Wp]	3780	5000	6300	7500	10000	12500
Max. / Europ. efficiency [%]	97.0 / 96.2	97.5 / 97.0	97.5 / 96.8	98.3 / 97.6	98.3 / 97.9	98.3 / 98.0
MPP voltage range [V]	125 – 550	180 – 500	220 – 500	315 – 800	415 – 800	415 – 800
Max. input voltage [V]	600	550	550	1000	1000	1000
Start input voltage [V]	150	100	100	200	200	200
Max. current per input [A]	10.0	12.0 / 12.0	12.0 / 12.0	10.0 / 10.0	10.0 / 10.0	15.0 / 10.0
Power factor cos $\phi$ ind. / cap.	-0.8 / 0.8	-0.8 / 0.8	-0.8 / 0.8	-0.8 / 0.8	-0.8 / 0.8	-0.8 / 0.8
<b>Dimensions and specifications</b>						
Width / Height / Depth [mm]	420 / 367 / 157	475 / 414 / 155	475 / 414 / 155	510 / 445 / 177	510 / 445 / 177	510 / 445 / 177
Weight approx. [kg]	15	21	21	25	25	26
Grid connection	single-phase	single-phase	single-phase	three-phase	three-phase	three-phase
Topology	transformerless	transformerless	transformerless	transformerless	transformerless	transformerless
Number of MPP trackers	1	2	2	2	2	2
Number of DC inputs	2	1 / 1	1 / 1	1 / 1	1 / 1	2 / 1
DC connection	MC4	MC4	MC4	MC4	MC4	MC4
IP protection class	65	65	65	65	65	65
Interfaces <sup>1</sup>	2 × RS485	2 × RS485	2 × RS485	2 × RS485	2 × RS485	2 × RS485
Special feature	large MPP range	asymmetric 20 / 80%	asymmetric 30 / 70%	emergency switch off	emergency switch off	emergency switch off

<sup>1</sup> One potential-free contact and four digital inputs for FRE.

**Accessories**

Delta Solivia Gateway M1 G2 (item no. 239246)