



# REMON INDUSTRIAL LIMITED

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## Product Feature

- To drive pumps equipped with 3-phase induction motors
- Adopt advanced IGBT power module
- High conversion efficiency, low temperature rise, low noise, long lifespan
- Advanced MPPT technology, efficiency>99.9%
- Fully automatic operation, it can store operation data for 10 years
- Perfect system protection, high reliability
- New design of anodized aluminum case
- LCD display
- Interface:RS485/WiFi
- Modular design, easy to install, operate, maintain



Item \Model	RM-P-P550L	RM-P-P1K1L	RM-P-P1K5L	RM-P-P2K2L	RM-P-P3K7L	RM-P-P5K5H	RM-P-P7K5H
<b>DC input</b>							
Max. input DC Voltage	250Vdc	250Vdc	450Vdc	450Vdc	450Vdc	880Vdc	880Vdc
Recommended MPP voltage	50~200Vdc	50~200Vdc	150~400Vdc	150~400Vdc	150~400Vdc	460~850Vdc	460~850Vdc
Max. input DC current	8A	15A	10A	14.6A	24.6A	12A	16.3A
Max. MPPT efficiency	99%						
Number of string	1						
<b>AC output</b>							
Max. applicable motor output power	0.55kW	1.1kW	1.5kW	2.2kW	3.7kW	5.5kW	7.5kW
Rated output voltage	220Vac 3-phase	220Vac 3-phase	220Vac 3-phase	220Vac 3-phase	220Vac 3-phase	380Vac 3-phase	380Vac 3-phase
Output frequency range	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz
Rated output current	2.5A	5.5A	7A	11A	17A	13A	18A
<b>Mechanical data</b>							
Dimensions(W/H/D)	300/400/152(m)	300/400/152(m)	330/450/152(m)	330/450/152(m)	330/450/152(m)	330/450/152(m)	330/450/152(m)
Weight	7kg	8kg	10kg	11kg	12kg	11kg	12kg
<b>System</b>							
Max. efficiency	94%	95%	97%	97%	97%	98%	98%
Protective class	I						
Protection degree	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Operating temperature range	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃
Cooling method	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Display	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Communication interface	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi
Altitude	3000m; above 3000m need derate operating						
Noise emission	<50dB						
Compliance	EN 50178; IEC/EN 62109-1; IEC 61800						