



TECHNICAL BROCHURE
Y202-PRO22/PRO40 RPS



RPS PRO SERIES SOLAR PUMP CONTROLLER

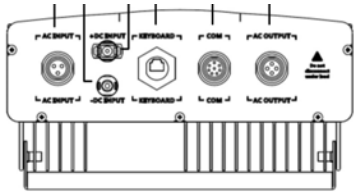
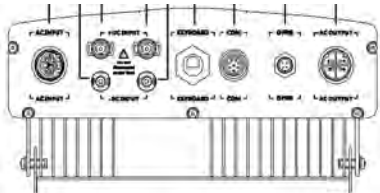
RPS | Rural Power Systems
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Visit us online at
RPSsolarpumps.com

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SPECIFICATIONS

	RPS22PRO	RPS40PRO
Compatible Systems	Pro 500, 750, 1000, 1500, 2000, 3000 <i>(Well, Submersible, Irrigation, Effluent, and Sewage)</i>	Pro 5000, Pro 3000 1PH AC Conversion <i>(Lakemakers, Well, Submersible, Irrigation, Effluent, and Sewage)</i>
Solar Min Voltage	100VDC	200VDC
Solar Max Voltage Max Current DC	450VDC 12A DC	450VDC 24A DC
MC4 Connectors	1 set (1 male + 1 female)	2 sets (2 male + 2 female)
Power Range	800w - 3200w	3200w - 6400w
AC Input Compatible	220V Single Phase 60hz, 9-15A	220V Single Phase 60hz, 24-30A
Motor Compatibility	220V 3 Phase, 220V Single Phase (3 Wire only)	220V 3 Phase, 220V Single Phase (3 Wire only)
Minimum Generator Size	6kW min (varies based on waveform output quality)	10kW min (varies based on on waveform output quality)
Temp. Range	-25 to 60°C, -13 ƒ to 140 ƒ	-25 to 60°C, -13 ƒ to 140 ƒ
Weight	14lbs	23lbs
Height / Diameter	12 in x 10 in x 6 in 300mm x 255mm x 137mm 	17 in x 14.5 in x 6.5 in 410mm x 360mm x 154mm 

FEATURES

MPPT Variable Control
Pressure Compatible
Float Switch Compatible
Low Voltage Protection
Exterior Shut-off Switch
Easy-Install Plugs

Max Efficiency Performance
Slow Start/ Slow Stop
IP65 Aluminum Body
Run-Dry Protection
Short Circuit Protection
Rated for Continuous Operation

Pledge to Our Customers: We pledge to be a company our grandfathers would have trusted. The all-too-common practice of outsourcing customer support after the sale is one we wholeheartedly oppose. We are an American, family-run company and our USA engineers, who will support you before and after the sale, are the best in the industry. We gain most of our business from word-of-mouth as a result of treating customers with respect and standing by our products. Call us anytime.