RPS
SOLAR PUMPS

TPP-750 Tankless Pressure Pump™

RPS | Rural Power Systems
40250 Co Rd 27, Woodland CA 95776

Visit us online at
RPSsolarpumps.com
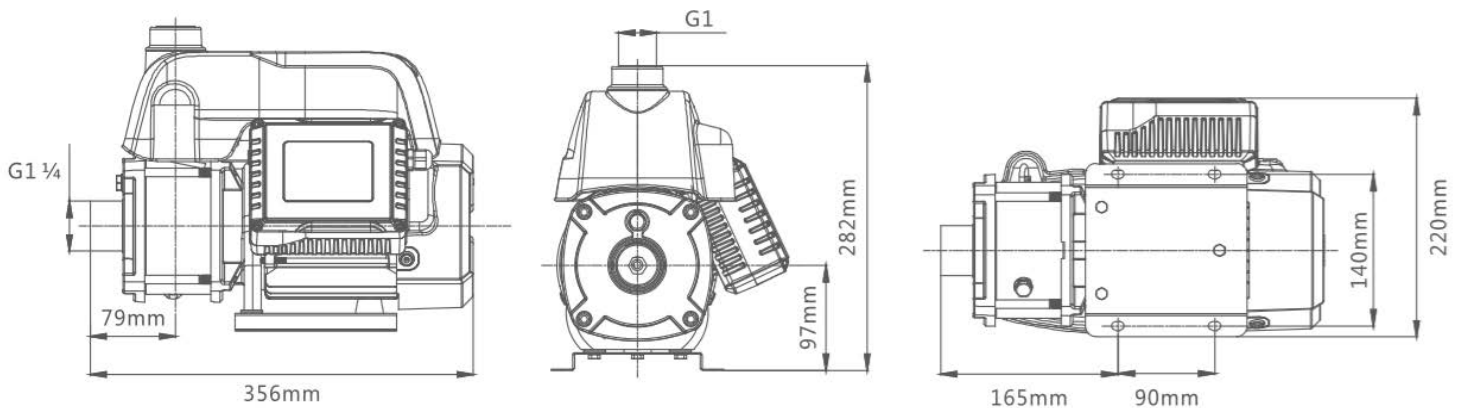
888-637-4493

RPS
SOLAR PUMPS

SPECIFICATIONS

Pump Model	Adjustable Pressure	Solar Array (watts)	Suggested Batteries	Hours Pumping**	Gallons Per Day **
TPP-750-4	20-50 psi	4x 100w	4x 55Ah	1 - 2 hr	1600-2800
TPP-750-8	20-50 psi	8x 100w	8x 55Ah	3 - 4 hr	3200-5000
TPP-750-12	20-50 psi	10x 100w	10x 55Ah	3 - 6 hr	4000-8000

* Depends on initial charge rate, concurrent solar input and real-world conditions.

MOTOR & PUMP DIMENSIONS

Inlet	1.25" FNPT	**Power Range**	750 - 1500w
Outlet	1" FNPT	**Suction**	Up to 4M, 15ft (wetted)
Acceptable pH	5 - 8, Water only	**Max Current**	8 Amps
Temp. Range	0 - 40°C, 32 - 104°F	**Box Size**	394 x 260 x 330mm
Max Liquid Temp	90°C, 194°F	**Weight**	10kg, 22lbs

FEATURES
Centrifugal Pump End
Permanent Magnet
Brushless Motor
Variable Frequency Control
Manual Start / Stop

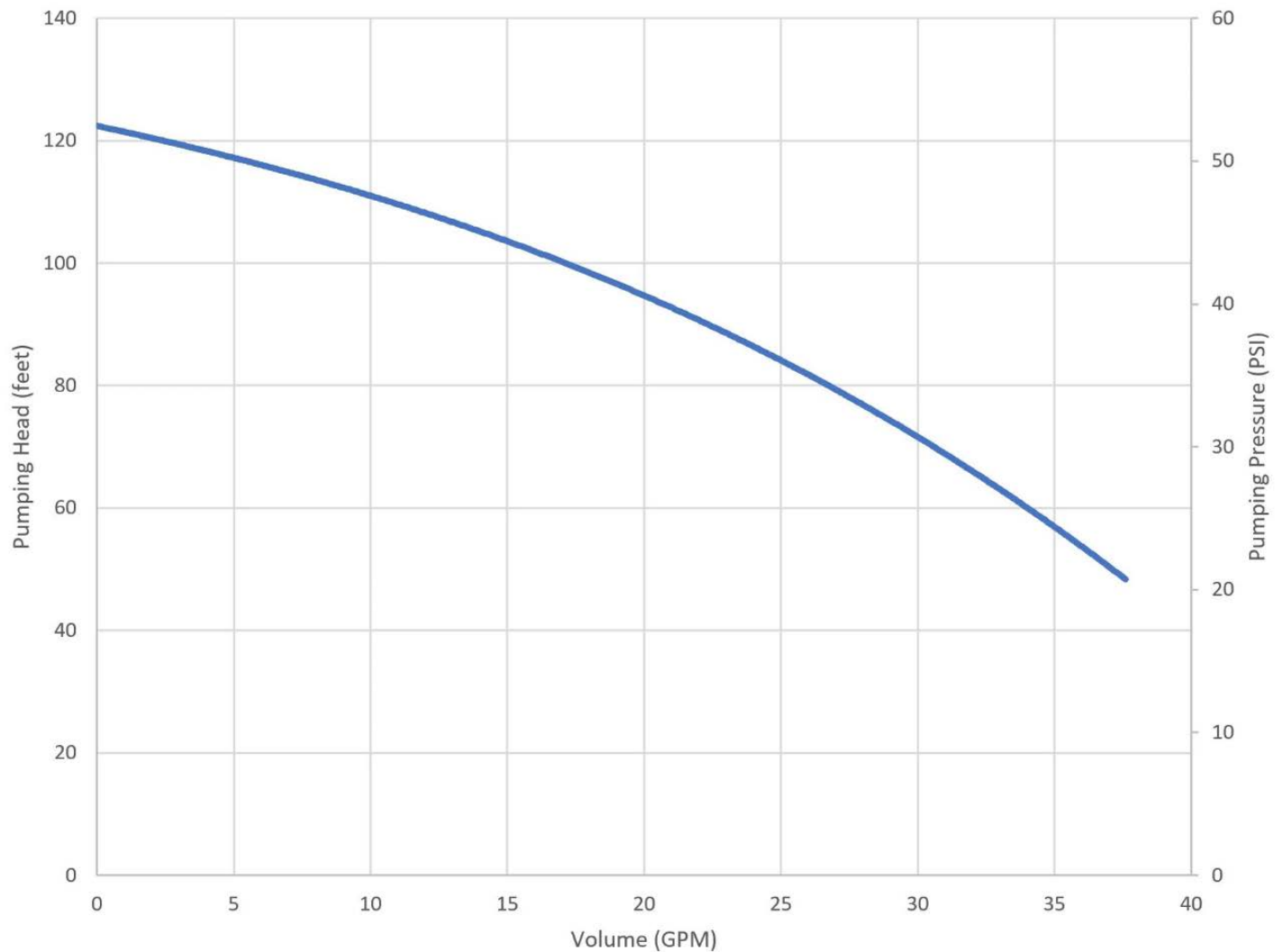### PROTECTIONS
Comprehensive
 12 Month Warranty
Leak Protection
Run-Dry Protection
Cycling Protection

SOLAR PANELS
UL1703 Certified
 Per Intertek ETL
Nationally Recognized to
 Hail, Wind Req.
IEC 612512 / IEC 61646

RPS
SOLAR PUMPS

SYSTEM PERFORMANCE CURVES

(GPM)	Head											
	0 ft	10 ft	20 ft	30 ft	40 ft	50 ft	60 ft	70 ft	80 ft	90 ft	100 ft	110 ft
Pressure 0 psi	37	37	37	37	37	37	35	30	26	22	17.5	8.7
20 psi	37	35	33	28	24	21	14	4.4	0	0	0	0
30 psi	30	26	22	19	8.5	2	0	0	0	0	0	0
40 psi	22	17	4.5	0	0	0	0	0	0	0	0	0
50 psi	4.5	0	0	0	0	0	0	0	0	0	0	0

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.

888-637-4493

RPS
SOLAR PUMPS