

SUNFIND RPS 420 G3SQF2

Sunfind Solar Products developed our line of RPS Direct Water Pumping Systems (no batteries) to provide an efficient, cost effective solution for high lift and volume applications.

Solar Array

The system comes with 3 Kyocera Solar 140W PV modules. Kyocera's advanced cell processing technology and automated production facilities produce a highly efficient multicrystal photovoltaic modules with a 20 year output warranty.

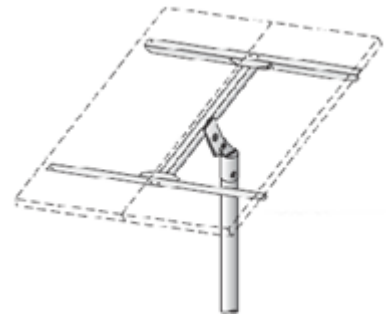
KD 140	
Weight	27.5 lbs
Dimensions:	59.1" x 26.3" x 1.8"
Power (rated):	135W
Peak Current	7.63A
Voltage:	12VDC Nominal



Top of Pole Mount:

The RPS 420 G3SQF2 System comes with a top of pole mount for 3 PV modules. The mount comes with all required hardware.

NOTE: The steel mounting pole is NOT included



Control System – CU 200 Advance Controller:

The CU 200 controller allows the connection of the PV array to the pumping system.



Grundfos SQFlex Pump

This industry leading pump is extremely versatile and reliable. The SQFlex is able to handle 30-300VDC and 90-240VAC.

This system is designed to have all four PV modules tied in series and feed the SQFlex directly. The pump will run when the sun is shining and shut down When there is not enough sun light available to run the pump.



What is included?

RPSUMP420G3SQF2	WORK ORDER / BILL OF MATERIALS	Units
SOLAR ARRAY	Nominal 36VDC	
KKD140SXUFBS	Kyocera 140W Blueish Module Class 1, Div. 2	3
NMWU 10/2	Roll of Electrical Cable	16
NMWU 10/2	1m Interconnect Piece	2
HOFCSD30248	Hoffman Cabinet, 30" x 24" x 8"	1
HOFC93024	Mounting Back Panel for Cabinet, 28" x 22"	1
IPXTSRC10	3/4" Hole, 1/2" thread Strain Relief for PV Line and Battery Line	2
IPXTSRC10	3/4" Hole, 1/2" thread Strain Relief for Float Switch	1
MARR335p	Marrettes to Tie solar Modules in Series	2
PLTPM3135	S-TPM3-KY135, Top of Pole Mount, 3 Kyocera 135-140 Modules	1
IPXTSRC10	3/4" Hole, 1/2" For Solar Modules	7
PUMP SYSTEM		
SQ3SQF2	360' @ 2 g/min 375W array: 8.4A Max	1
SQCU200	Advance Controller with On / Off and float switch	1
MDI 20	Jordon MDI Mechanical Float Switch-Normally Closed	1
NMWU 10/3	NMWU Cable: Wet locations and Direct Burial	113

Performance Calculations

- 2.1 gpm @ 360', 420W PV Array

For additional education material, product information and/or pricing, please contact a SUNFIND solar professional today.

Corporate Address:

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Monday-Thursday
7:30am - 4:00pm MST

Friday
7:30am-3:00pm MST

Location: Please stop by and visit us.