

SUNFIND RPS 1400 G16SQF10

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 10 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.

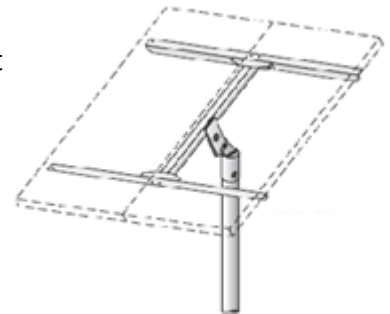
KD 140	
Weight	27.5 lbs
Dimensions:	59.1" x 26.3" x 1.8"
Power (rated):	135W
Peak Current	7.63A
Voltage:	12VDC Nominal



Top of Pole Mount:

The System comes with a top of pole mount for 10 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?

RPSUMP1400G16SQF10	WORK ORDER / BILL OF MATERIALS	Units
SOLAR ARRAY	Nominal 120VDC	
KKD140SXUFBS	Kyocera 140W Blueish Module Class 1, Div. 2 CURRENTL: MOST AVAILABLE	10
NMWU 10/2	Roll of Electrical Cable	16
NMWU 10/2	1m Interconnect Piece	9
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	9
PLPTPM3135	S-TPM3-KY135, Top of Pole Mount, 3 Kyocera 135-140 Modules	1
IPXTSRC10	3/4" Hole, 1/2" For Solar Modules	19
PUMP SYSTEM		
SQ16SQF10	210' @ 13 g/min 1400W / 8.4A Max	1
SQCU200	Switch Box: On / Off. Used With Solar Direct System	1
MDI 20	Jordon MDI Mechanical Float Switch-Normally Closed	1
NMWU 10/3	NMWU Cable: Wet locations and Direct Burial	67

Performance Calculations

- 21 gpm @ 90' 1400W PV Array
- 18 gpm @ 135' 1400W PV Array
- 15 gpm @ 130' 1400W PV Array
- 13 gpm @ 210' 1400W 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.