

ENERGY TOWER

SOLAR POWER SUPPLY

PROJECT NAME

Type _____
Date _____

SPECIFICATIONS



Solar Module Performance	Monocrystalline silicon cells, processed by Photinus 8 solar modules x 300 Wp*, modules also charge in cloudy conditions
Battery	LiFeP04 / 1152 Wh (12.8 V 90Ah)
Operating Temperature	-20°C to +60°C
Max Charge/Discharge Current	15A
Charge/Discharge Current	9A Standard
Charging Voltage	14.6V
Battery Life	Up to 10 years
Protection Class	IPX8
Charge Regulator Current	8A
Operating Temperature	-35°C to +60°C
Output Voltage	20–58V
Output Power	1–60 Watts
System Voltage	12V DC standard
Location	Listed IP67
Material	Steel pole and aluminum parts
Finish	Galvanized and powder coat
Weight	143.3 lb. [65kg]
Wind Load	68.3 mph, 90 mph**
Salt Spray Test	ISO 9227:2012
Warranty	3 Years

*Wp Watt Peak: maximum power supplied in standard conditions
** Other wind loads available upon request

ORDER CODE

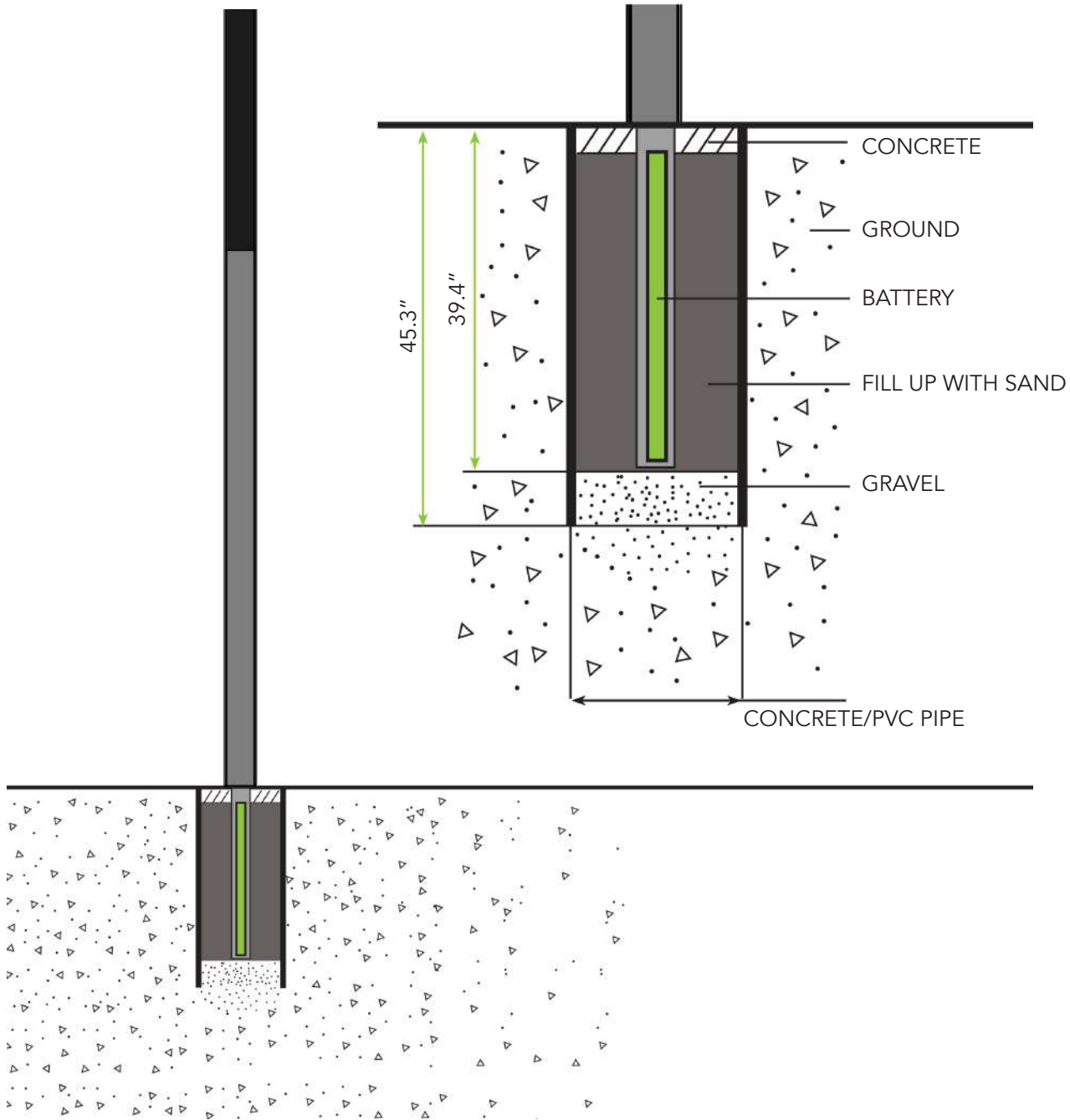
Model	Voltage	Height	Wind Load	Mounting	Finish
ENERGY TOWER	12 = 12V DC 24 = 24V DC** **24V available upon request. consult factory	HS = Standard Height HC = Custom* * specify desired height. consult factory	W68 = Standard 68.3 mph W90 = 90 mph WC = Custom* *specify desired wind load. consult factory	PF = Pipe Foundation AB = Anchor Base** **AB surface mount available upon request. consult factory	D = Dark

Example order code: **ENERGY TOWER – 12 – HS – W90 – PF – D**

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MOUNTING OPTION 1 — PIPE FOUNDATION — PF



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brilliance in solar lighting
photinus

FINISH



D
Sparkling Iron Effect Dark
Tiger 29/70787
Powder Coat

ENERGY TOWER

SOLAR POWER SUPPLY

DIMENSIONS

