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Induction Lighting Solar / Wind Hybrid Fixtures

<u>Item Number</u>	<u>Description</u>	<u>Wholesale Price</u>
Everlast PVW Remote 70-BTP 300120200WPV w/pole	70W Induction Cobra Street Light with 300W Wind and 200W PV Power	\$11,875.00
Everlast PVW Remote 70-BT 300120200WPV wo/pole	70W Induction Cobra Street Light with 300W Wind and 200W PV Power (no pole)	\$11,000.00
Everlast PVW Remote 70-B 120200PV wo/pole/turbine	70W Induction Cobra Street Light with 200W PV Power(no pole or wind turbine)	\$9,875.00
Lightning Protection Option		\$270.00
Step Dimming Option		\$160.00
Inverter for Grid Connect Backup		\$200.00

Battery System

Volts: 12V / 23V
 Deep-Cycle: 200Ahr / 400Ahr
 Driving Type: Direct Drive
 Charge Regulator: Included
 Over-Speed Protection: Yes
 Low-Voltage Protection: Yes
 Over-Voltage Protection: Yes
 Weight: 19 kg

Wind Turbine

Rated Output Power: 300 Watts
 Max. Output Power: 450 Watts
 Rated Wind Speed: 12.5 m/s
 Rated Rotation Speed: 900 rpm
 Start-up Wind Speed: 2.3 m/s
 Cut-In Wind Speed: 3 m/s
 Rotor Diameter: 1.4 m
 Blade Material: Synthetic MC nylon & carbon fiber
 Governor System: Aero elastic thrust
 Governor Wind Speed: 60 m/s
 Shut-Down Mechanism: Electric

Solar Module

Type: Polycrystalline
 Max. Output Power: 2 x 64Wp
 Voltage at Max. Power: 17 Vmp ±0.5
 Current at Max. Power: 2.95 Imp ±0.20
 Open-Circuit Voltage: 21.5 Voc ±0.5
 Short-Circuit Current: 3.25 Vsc ±0.20

Pole Height - 30' or 40' (to top)
 Lamp Height - 4' lower than top or below



Note: This is a specialized system requiring a full site survey and engineering before production.

Light may not be available all night, depending upon solar and wind contribution - a full charge will produce approx. 30 hours of full light output. Step dimming will increase the run hours by 50 percent or more.

Terms: Prepaid by credit card or check

Freight: Quoted by job

Lead Time Typically 6 to 8 weeks