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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	\$6,700.00
Everlast PVW Remote 70-BT 300120200WPV wo/pole	70W Induction Cobra Street Light with 300W Wind and 200W PV Power (no pole)	\$5,700.00
Everlast PVW Remote 70-B 120200PV wo/pole/turbine	70W Induction Cobra Street Light with 300W Wind and 200W PV Power(no pole or wind turbine)	\$4,400.00
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