

## 165W Generic PowerDrive Golf Car Solar Panel

### Extended Battery Life

Our studies show the number of battery cycles can be extended up to 50 percent compared to golf cars without PowerDrive.

### Good For The Environment

On average, a PowerDrive Golf Car Solar Panel creates enough electricity annually to offset over 250lbs of carbon dioxide production.

### Increase Driving Range

On a typical sunny day a PowerDrive panel increases driving range by as much as 50 percent giving you confidence cars make it back to the clubhouse after a long day.

### Lower Charging Costs

PowerDrive creates and feeds electricity into golf car batteries during daylight, even in low-light, saving an estimated 20 percent in yearly electrical costs.

### Easy Installation

Other solar systems require completely replacing the canopy. Our solar panels install quickly, with no special tools.

### Unmatched Durability

The occasional hail storm, stray golf ball, or low hanging branch pose no danger to the military grade panel.



### Certifications:

- CE
- RoHS
- Berry Amendment Compliance

# PowerFilm<sup>®</sup>

ASSEMBLED IN THE USA

## SOLAR

## 165W Generic PowerDrive Golf Car Solar Panel

### Electrical Characteristics

Wattage	165W
Rated Voltage at Pmax	28.3V
Rated Current at Pmax	5.7A
Open Circuit Voltage	34.2V
Short Circuit Current	6.3A

\*Typical specs measured at STC. Contact PowerFilm for maximum specs and tolerances to use in custom designs or complex applications.

### Physical Characteristics

Part Number	C3-48F28.3VT
Dimensions	48.0 x 36.0 inches 1,219.2 x 914.4 mm
Weight	9.0 lbs 4.1 kg

### Thermal Characteristics

Temperature Coefficient for Power	-0.200 (%/C)
Temperature Coefficient for Voltage	-0.240 (%/C)
Temperature Coefficient for Voc	-0.300 (%/C)
Temperature Coefficient for Isc	0.109 (%/C)

### Charge Controllers

- 36V
- 48V

Required in order to regulate charge from the PowerDrive panel.  
Other voltages available upon request.



### IV Curve

