PowerFilm® SOLAR

ASSEMBLED IN THE USA

165W Club Car Precedent 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 250 pounds 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.

Wide Range of Compatibility

PowerDrive panels are compatible with lead-acid and many lithium battery types at different voltages.

Certifications:

- CE
- RoHS
- Berry Amendment Compliance

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Electrical Characteristics

Wattage	165W
Rated Voltage at Pmax	28.3V
Rated Current at Pmax	5.8A
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	C3-48F28.3VP
Dimensions	55.5 x 37.5 inches 1,409.7 x 952.5 mm
Weight	9.1 lbs 4.1 kg

Thermal Characteristics

Temperature Coefficient for Power	- 0.27%/ºC
Temperature Coefficient for Voltage	- 0.236%/ºC
Temperature Coefficient for Current	0.058%/ºC

Charge Controllers

- 36V
- 48V

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

IV Curve