

160W Club Car Carryall PowerDrive Golf Car Solar Panel

Extend 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

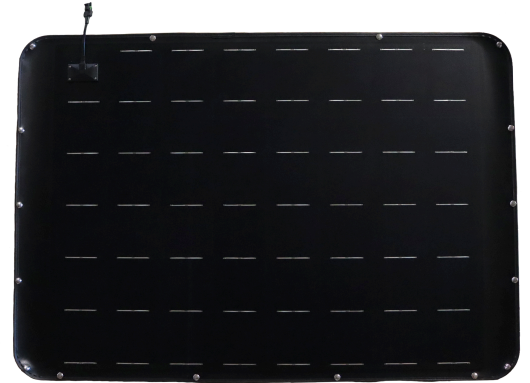
Other solar systems require completely replacing the canopy. Our solar panels install quickly, with no special tools.

Unmatched Durability

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

Wide Range of Compatibility

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



Certifications

- CE
- MIL-STD-810G
- RoHS
- Berry Amendment Compliance

Electrical Characteristics

Wattage	160W
Rated Voltage at Pmax	27.7V
Rated Current at Pmax	5.8A
Open Circuit Voltage	33.3V
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	C3-47F27.7VC
Dimensions	48.0 x 33.5 inches 1,219.2 x 850.9 mm
Weight	7.5 lbs 3.4 kg

Thermal Characteristics

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

Charge Controllers

- 36V
- 48V

*Required to regulate charge from the PowerDrive panel.
Other voltages are available upon request.*

IV Curve

