

050PzV0350 SOLAR

(2V 345Ah @ 120hr)

Eternity Technologies valve regulated lead-acid batteries for the solar power and renewable energy market. With an innovative Gel-Technology design Eternity Technologies OPzV batteries have a reliable maintenance-free and leakage-free construction.

Performance characteristics

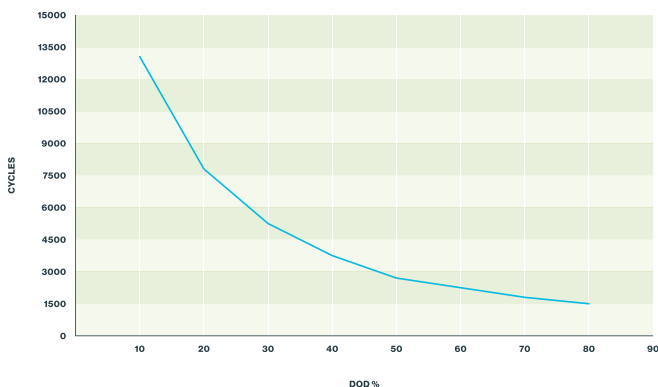
Nominal Voltage	2V
Number of cells	1
Design Life	20 years
Nominal Capacity 20°C (68°F)	
120 hour rate (2.9A, 1.85V)	345Ah
48 hour rate (6.7A, 1.8V)	321Ah
10 hour rate (27A, 1.8V)	270Ah
Internal Resistance	
Fully Charged Battery 20°C (68°F)	0.78mOhm
Self-Discharge	
2% of capacity declined per month at 20°C (average)	
Operating Temperature Range	-20-55°C
Maximum Discharge Current 20°C (68°F)	434A
Charge Methods: Constant Voltage Charge 20°C (68°F)	
Cycle use	2.40V
Maximum charging current	135
Standby use	2.25V ± 1%
Temperature compensation	-5.0mV/°C/Cell
Terminal Torque	23Nm

Capacities C10-C240

Cell Type Ue (100%) / VPC	C10	C24	C48	C72	C100	C120	C240
Ref Temp	20°C	20°C	20°C	20°C	20°C	20°C	20°C

050PzV0350 SOLAR	270	308	321	340	336	345	355
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Cycles vs DOD of OPzV Solar Power



N Part of our Network Power range

Features

- High energy density and cyclic performance

- Robust tubular positive electrode design, compliant with DIN 40742

- >1500 cycles at 80% D.O.D at 20°C (68°F)

- Low self discharge rate <2% @ 20°C allows for 6 months shelf life

- Operating temperature -20°C to +55°C

- EUROBAT design life: Long Life >12 years

- Fully recyclable with low CO₂ footprint

Applications

- Solar/Wind Power Stations

- Traffic Systems

- Hydro Power Generation

- Off Grid Solutions

- Telecommunications/ Mobile Phone Stations

- Power Distribution Companies

Dimensions and weight

Length	126 mm
Width	208 mm
Height (H1)	367 mm
Total height (H2)	392 mm
Approx. weight	22.2 kg

