

12OPzV-ET 2000 SOLAR

VRLA Gel Deep Cycle Battery



Performance characteristics

Nominal Voltage	2V
Number of cells	1
Design Life	20 years
Nominal Capacity 25°C (77°F)	
120 hour rate (16.7A, 1.85V)	2000Ah
48 hour rate (37.4A, 1.8V)	1797Ah
10 hour rate (156.3A, 1.8V)	1563Ah
Internal Resistance	
Fully Charged Battery 25°C (77°F)	0.25mOhm
Self-Discharge	
2% of capacity declined per month at 25°C (average)	
Operating Temperature Range	-20-55°C
Maximum Discharge Current 25°C (77°F)	1557A
Charge Methods: Constant Voltage Charge 25°C (77°F)	
Cycle use	2.40V
Maximum charging current	758
Standby use	2.25V ± 1%
Temperature compensation	-3.5mV/°C/Cell
Terminal Torque	23Nm

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

- 3000+ cycles @ 60% DOD @ IUI charging

Capacities C10-C240

Cell Type Ue (100%) / VPC	C10	C24	C48	C72	C100	C120	C240
Ref Temp	25°C	25°C	25°C	25°C	25°C	25°C	25°C

12OPzV-ET 2000 SOLAR	1563	1782	1797	1969	1938	2000	2063
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Applications

- Solar/Wind Power Stations

- Traffic Systems

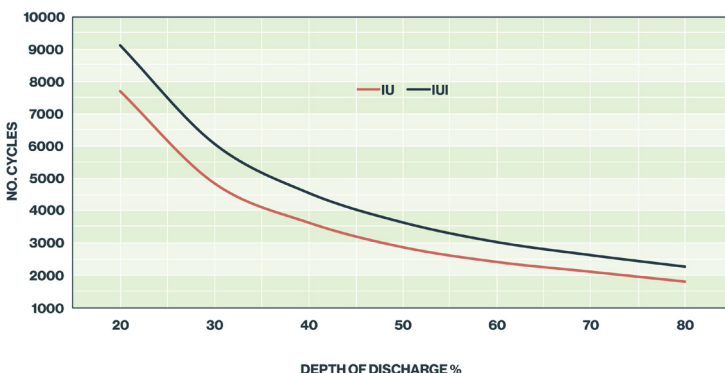
- Hydro Power Generation

- Off Grid Solutions

- Telecommunications/ Mobile Phone Stations

- Power Distribution Companies

Cycles vs DOD of OPzV Solar Power



Dimensions and weight

Length	210 mm
Width	275 mm
Height (H1)	796 mm
Total height (H2)	809 mm
Approx. weight	111.9 kg

