

130PzS-ET 2250 SOLAR

Vented Flooded Deep Cycle Battery



Performance characteristics

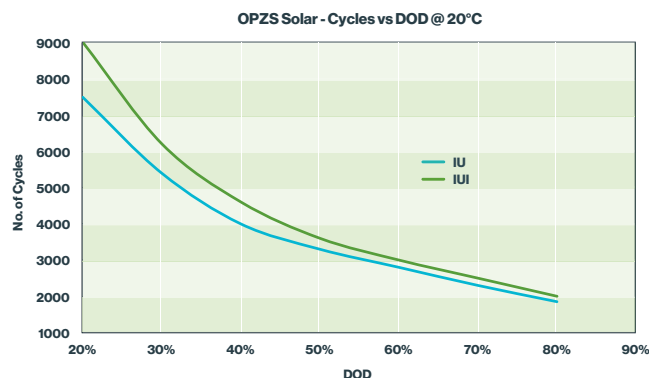
Nominal Voltage	2V
Number of cells	1
Design Life	20 years
Nominal Capacity 25°C (77°F)	
120 hour rate (19.5A, 1.85V)	2343Ah
48 hour rate (44.7A, 1.80V)	2144Ah
10 hour rate (184A, 1.8V)	1841Ah
Internal Resistance	
Fully Charged Battery 25°C (77°F)	0.22mOhm
Electrolyte	
Nominal S.G at 20°C = 1.240kg/l	
Operating Temperature Range	-20~55°C
Maximum Discharge Current 20°C (68°F)	1736A
Charge Methods: Constant Voltage Charge 20°C (68°F)	
Cycle use	2.40V (time limited)
Maximum charging current	736A
Standby use	2.25V ± 1%
Temperature compensation	-3.0mV/°C/Cell
Terminal Torque	23Nm

Capacities C10-C240

Cell Type Ue (100%) / VPC	C10	C12	C20	C24	C48	C72	C100	C120	C240
Ref Temp	25°C	25°C	25°C	25°C	25°C	25°C	25°C	25°C	25°C

130PzS-ET 2250 SOLAR	1841	1861	2014	2074	2144	2266	2273	2343	2437
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Cycles vs DOD of OPzS Solar Power



ET/DATAOPZSSOLAR 2250V2 0521

Compliant with IEC 60896-11 / IEC 61427

Features

High energy density
Robust tubular positive electrode design, compliant with DIN 40736
Minimal maintenance due to low antimony alloy and large electrolyte volume
Operating temperature -20°C to +55°C
Low self discharge rate of approximately 3% per month at 20°C
EUROBAT design life: Long Life >12 years
Fully recyclable with low CO ₂ footprint
High cyclic performance
3000+ cycles @ 60% DOD @ IUI charging

Applications

Solar/Wind Power Stations
Traffic Systems
Hydro Power Generation
Off Grid Solutions
Telecommunications/ Mobile Phone Stations
Power Distribution Companies

Dimensions and weight

Length	210mm
Width	275 mm
Height (H1)	797mm
Total height (H2)	810 mm
Dry weight	82.0 kg
Filled weight	110.9 kg

