

# 190PzV-ET 3135 SOLAR

## VRLA Gel Deep Cycle Battery



### Performance characteristics

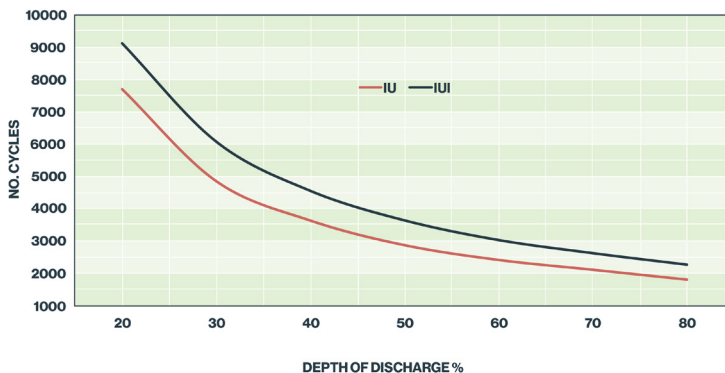
Nominal Voltage	2V
Number of cells	1
Design Life	20 years
<b>Nominal Capacity 25°C (77°F)</b>	
120 hour rate (26.7A, 1.85V)	3207Ah
48 hour rate (60.0A, 1.8V)	2881Ah
10 hour rate (250.5A, 1.8V)	2505Ah
<b>Internal Resistance</b>	
Fully Charged Battery 25°C (77°F)	0.17mOhm
<b>Self-Discharge</b>	
2% of capacity declined per month at 25°C (average)	
<b>Operating Temperature Range</b>	-20-55°C
<b>Maximum Discharge Current 25°C (77°F)</b>	2461A
<b>Charge Methods: Constant Voltage Charge 25°C (77°F)</b>	
Cycle use	2.40V
Maximum charging current	1215
Standby use	2.25V ± 1%
Temperature compensation	-3.5mV/°C/Cell
<b>Terminal Torque</b>	23Nm

### Capacities C10-C240

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

190PzV-ET 3135 SOLAR	2505	2856	2881	3157	3107	3207	3307
----------------------	------	------	------	------	------	------	------

### Cycles vs DOD of OPzV Solar Power



### 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 CO <sub>2</sub> footprint
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	212 mm
Width	487 mm
Height (H1)	769 mm
Total height (H2)	782 mm
Wet weight	187.6kg

