

S-Cell Solar Power

Eternity Technologies S-Cell Solar Power Products have been specifically designed to deliver high quality and high energy density into critical applications that require regular cycling combined with a high tolerance of temperature and grid reliability.

Features

High energy density

Robust tubular positive electrode design

Engineered to deliver 2000 cycles at 60% DOD at 20°C

Fully recyclable with low CO₂ footprint

Low maintenance



Part of our Network Power range

Applications

Local Telecoms

Emergency Lighting

Mini Grids

Power Generation devices

Wind/ Solar Generation

Residential Installations

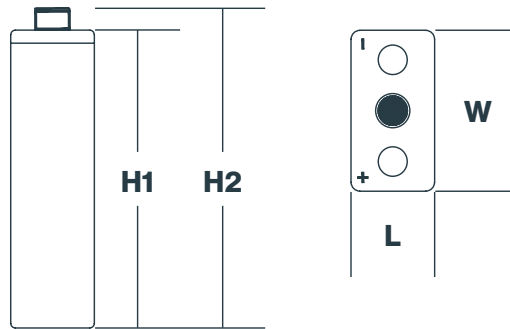
Utilities



DIN Cell Type	C240	C120	C100	C20	C10	kWh (120hrs)	Length (mm)	Width (mm)	H1 (mm)	H2 (mm)	Weight (kg)
	1.85VPCat20°C/68°F			1.75VPCat27°C/80°F							
2 PZS - ET 220 SOLAR	227	220	213	168	148	0.44	198	65	406	433	12
3 PZS - ET 315 SOLAR	328	315	307	252	221	0.63	198	83	406	433	16
3 PZS - ET 405 SOLAR	421	405	387	307	276	0.81	198	83	480	507	19
4 PZS - ET 510 SOLAR	530	510	497	410	368	1.02	198	101	480	507	24
5 PZS - ET 650 SOLAR	676	650	632	512	460	1.30	198	119	480	507	27
4 PZS - ET 750 SOLAR	780	750	722	589	529	1.50	198	101	615	642	31
5 PZS - ET 900 SOLAR	936	900	880	736	661	1.80	198	119	615	642	38
6 PZS - ET 1100 SOLAR	1144	1100	1076	883	794	2.20	198	137	615	642	44
7 PZS - ET 1300 SOLAR	1352	1300	1288	1030	926	2.60	198	173	615	642	53
8 PZS - ET 1500 SOLAR	1560	1500	1481	1178	1058	3.00	198	191	615	642	57

± 5% weight tolerance
H1: Height over lid
H2: Overall height
M10 threaded terminal
Torque: 23Nm

Not to scale



S-CELL SOLAR POWER

Positive plate

High energy density tubular design with low antimony alloy for extended watering intervals

Negative plate

Industry leading negative plate design

Separator

Microporous polyethylene separator design delivers increased acid volumes

Sealing washer

Thermoplastic elastomer (TPE) sealing washer utilised for leak free sealing of the terminal



Base prism

Rigid polypropylene prism to collect dislodged active material preventing bottom edge shorts

Gauntlet

Non-woven, high-capacity polyester gauntlet

Electrolyte

Acid density of 1.26 kg/l ensures low self-discharge rates and long design life of the cell

Terminal

Longer terminals increase the headspace of the cell resulting in greater acid volume and reduced watering intervals

POWER FOR TOMORROW TODAY