



Trinity Solar

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- ECOSAFE Range from TRINITY SOLAR
- Ideal for Renewable Energy Applications
- Low maintenance
- Excellent operating safety that includes:
Totally isolated connections and fully insulated connectors and terminals

The EcoSafe TS range offers a high-performance, long-life solution for renewable energy applications.

EcoSafe TS cells are based on conventional, vented technology and designed for renewable energy applications that require maximum cycle life with the highest level of reliability. They are particularly suitable for

use in solar energy installations, ensuring a continuity of electrical supply during the hours of darkness or during periods of reduced sunshine.

Reduced maintenance is achieved through the use of additional electrolyte which means cells only have to be topped-up once a year.



- Batteries for Photovoltaic Installations
- Lead Acid Technology
- Capacities from 530Ah to 2640Ah at the 120 hour rate (C120)
- Up to 5000 cycles to 25% depth of discharge

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Reduced maintenance is achieved through the use of additional electrolyte which means cells only have to be topped-up once a year. This helps to keep down maintenance costs and makes them an ideal solution for many remote or unmanned locations.

Tubular positive plates are widely used in batteries for particularly demanding applications. In the TS range they have been optimised to give an extended cycle life and increased capacity.

Reference	Capacity AH			Dimensions Length x Width x Height	Weight Kg
	10 hours 1,80 v/e 25°C	100 hours 1,80 v/e 25°C	120 hours 1,80 v/e 25°C		
TLS-3	170	240			
TSL-4	210	295	300	103 x 206 x 389	18.3
TLS-5	260	361	367	124 x 206 x 389	22.0
TLS-6	310	433	440	145 x 206 x 389	25.8
TVS-4	365	452	460	124 x 206 x 505	26.6
TVS-5	425	519	528	124 x 206 x 505	29.4
TVS-6	520	627	637	145 x 206 x 505	34.6
TVS-7	595	731	743	166 x 206 x 505	39.6
TYS-6	660	900	914	145 x 206 x 687	48.1
TYS-7	770	1.101	1.118	191 x 210 x 687	61.3
TYS-8	880	1.200	1.219	191 x 210 x 687	65.1
TYS-9	1.000	1.394	1.416	233 x 210 x 687	75.8
TYS-10	1.100	1.500	1.524	233 x 210 x 687	79.6
TYS-12	1.320	1.799	1.828	275 x 210 x 687	94.3
TZS-12	1.620	2.300	2.388	275 x 210 x 829	117.8
TZS-13	1.755	2.600	2.624	399 x 210 x 813	146.0
TZS-16	2.160	3.000	6.049	399 x 210 x 813	160.6
TZS-20	2.700	3.753	3.817	487 x 210 x 813	199.5
TZS-22	2.970	4.144	4.211	487 x 210 x 813	209.1
TZS-24	3.240	4.505	4.578	576 x 210 x 813	235.9