

## Classic EnerSol T

Powerful and universal, suitable for every application

Classic EnerSol T batteries are universal, low maintenance energy supplies for medium industrial solar systems. These lead acid batteries with liquid electrolyte are renowned to be safe and reliable due to their high performance. Typical applications are small solar and wind power systems, holiday and weekend houses.

### Your benefit:

- > **Positive tubular plates** – extremely robust design and enhanced cycling performance
- > **Low maintenance** – saving costs
- > **Completely recyclable** – low CO<sub>2</sub>-footprint



### Specifications

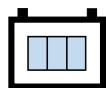
- > Nominal capacity (C<sub>120</sub> at 25 °C): 376 - 1282 Ah
- > Containers made from translucent plastics for easy topping up
- > Screw connectors for a better contact and reliability
- > Also available in dry-charged version with separate electrolyte



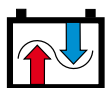
Nominal Capacity  
376 – 1282 Ah



Single cell



Tubular plate



up to 1500 cycles  
acc. to IEC 60896-11  
(60 % DoD)



Recyclable



Low maintenance

## Classic EnerSol T

### Technical Data, Drawings

#### Technical characteristics and data

| Type           | Part number     | Nom. voltage<br>V | Nominal capacity<br>$C_{120}$<br>1.85 Vpc<br>25 °C Ah | Length (l)<br>max. mm | Width (b/w)<br>max. mm | Height* (h)<br>max. mm | Installed length (L)<br>max. mm | Weight incl. acid<br>approx. kg | Weight acid**<br>approx. kg | Internal resistance<br>mOhm | Short circuit current<br>A | Terminal | Pole pairs |
|----------------|-----------------|-------------------|---|-----------------------|------------------------|------------------------|---------------------------------|---------------------------------|-----------------------------|-----------------------------|----------------------------|----------|------------|
| EnerSol T 370  | NVTS020370WC0FA | 2                 | 376   | 83.0                  | 199                    | 445                    | 93.0                            | 17.3                            | 5.10                        | 0.70                        | 2900                       | F-M10    | 1          |
| EnerSol T 460  | NVTS020460WC0FA | 2                 | 452   | 101                   | 199                    | 445                    | 111                             | 21.0                            | 6.30                        | 0.56                        | 3625                       | F-M10    | 1          |
| EnerSol T 550  | NVTS020550WC0FA | 2                 | 542   | 119                   | 199                    | 445                    | 129                             | 24.7                            | 7.50                        | 0.46                        | 4350                       | F-M10    | 1          |
| EnerSol T 650  | NVTS020650WC0FA | 2                 | 668   | 119                   | 199                    | 508                    | 129                             | 29.5                            | 8.60                        | 0.45                        | 4500                       | F-M10    | 1          |
| EnerSol T 760  | NVTS020760WC0FA | 2                 | 779   | 137                   | 199                    | 508                    | 147                             | 31.0                            | 10.0                        | 0.38                        | 5250                       | F-M10    | 1          |
| EnerSol T 880  | NVTS020880WC0FA | 2                 | 897   | 137                   | 199                    | 556                    | 147                             | 38.0                            | 11.0                        | 0.43                        | 4660                       | F-M10    | 1          |
| EnerSol T 1000 | NVTS021000WC0FA | 2                 | 1025  | 155                   | 199                    | 556                    | 165                             | 43.1                            | 12.6                        | 0.38                        | 5325                       | F-M10    | 1          |
| EnerSol T 1130 | NVTS021130WC0FA | 2                 | 1154  | 173                   | 199                    | 556                    | 183                             | 47.7                            | 14.1                        | 0.34                        | 5991                       | F-M10    | 1          |
| EnerSol T 1250 | NVTS021250WC0FA | 2                 | 1282  | 191                   | 199                    | 556                    | 201                             | 52.8                            | 15.6                        | 0.30                        | 6657                       | F-M10    | 1          |

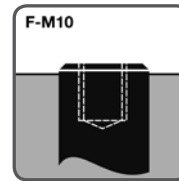
\* The above mentioned height can differ depending on the used vent(s).

\*\*Acid density  $d_{40}$  = 1.26 kg/l

| Type           | $C_{6}$<br>1.75<br>V/C | $C_{10}$<br>1.80<br>V/C | $C_{12}$<br>1.80<br>V/C | $C_{24}$<br>1.80<br>V/C | $C_{48}$<br>1.80<br>V/C | $C_{72}$<br>1.80<br>V/C | $C_{100}$<br>1.85<br>V/C | $C_{120}$<br>1.85<br>V/C | $C_{240}$<br>1.85<br>V/C |
|----------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| EnerSol T 370  | 260                    | 280                     | 294                     | 333                     | 361                     | 368                     | 369                      | 376                      | 383                      |
| EnerSol T 460  | 327                    | 350                     | 367                     | 416                     | 437                     | 460                     | 444                      | 452                      | 478                      |
| EnerSol T 550  | 393                    | 425                     | 441                     | 499                     | 524                     | 553                     | 533                      | 542                      | 574                      |
| EnerSol T 650  | 492                    | 527                     | 552                     | 625                     | 656                     | 668                     | 647                      | 668                      | 719                      |
| EnerSol T 760  | 574                    | 615                     | 645                     | 729                     | 766                     | 780                     | 755                      | 779                      | 839                      |
| EnerSol T 880  | 654                    | 714                     | 742                     | 840                     | 854                     | 953                     | 869                      | 897                      | 966                      |
| EnerSol T 1000 | 755                    | 809                     | 848                     | 960                     | 1008                    | 1089                    | 993                      | 1025                     | 1104                     |
| EnerSol T 1130 | 850                    | 910                     | 954                     | 1080                    | 1134                    | 1225                    | 1117                     | 1154                     | 1242                     |
| EnerSol T 1250 | 944                    | 1011                    | 1060                    | 1200                    | 1260                    | 1361                    | 1241                     | 1282                     | 1380                     |

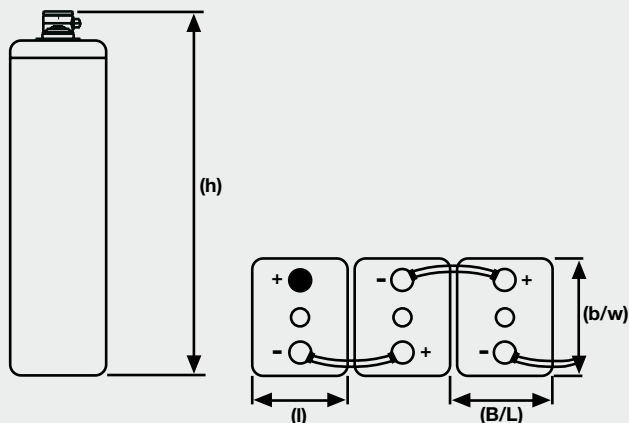
The capacities are given in Ah at 25 °C after 5 cycles.

#### Terminal and torque



23 Nm

#### Drawings with terminal position



Not to scale!