

Classic EnerSol

Powerful and universal, suitable for every application

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

Your benefits:

- > **Positive tubular plates** – extremely robust design and enhanced cycling performance
- > **Low maintenance** – saving costs
- > **Completely recyclable** – low CO₂ footprint



Specifications:

- > Nominal capacity (C₁₂₀ at 25 °C): 372 - 1106 Ah
- > Containers made from translucent plastics for easy topping up
- > Screw connectors for a better contact and reliability

Nominal capacity 372 – 1106 Ah	Single cell	Tubular plate	up to 2000 cycles acc. to IEC 60896-11 (60 % DoD)	Recyclable	Low maintenance

Classic EnerSol

Technical data, Drawings

Technical characteristics and data

Type	Part number	Nom. voltage V	Nominal capacity C_{120} 1.85 Vpc 25 °C Ah	Length (l) max. mm	Width (b/w) max. mm	Height* (h) max. mm	Installed length (L) max. mm	Weight incl. acid*** approx. kg	Weight acid** approx. kg	Internal resistance mOhm	Short circuit current A	Terminal	Pole pairs
03 EnerSol 380	NVTS020380WC0FB	2	372	83.0	198	503	93.0	17.5	6.9	0.83	2462	F-M10	1
04 EnerSol 490	NVTS020490WC0FB	2	486	101	198	503	111	22.5	7.8	0.69	2962	F-M10	1
05 EnerSol 600	NVTS020600WC0FB	2	597	119	198	503	129	27.1	8.9	0.59	3434	F-M10	1
06 EnerSol 720	NVTS020720WC0FB	2	720	137	198	503	147	31.0	9.7	0.53	3824	F-M10	1
07 EnerSol 840	NVTS020840WC0FB	2	832	155	198	503	165	35.5	11.0	0.47	4290	F-M10	1
08 EnerSol 950	NVTS020950WC0FB	2	942	173	198	503	183	39.5	12.1	0.43	4687	F-M10	1
09 EnerSol 1050	NVTS021050WC0FB	2	1048	191	198	503	201	44.0	13.3	0.40	5115	F-M10	1
10 EnerSol 1110	NVTS021110WC0FB	2	1106	191	198	503	201	45.5	12.0	0.37	5485	F-M10	1

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

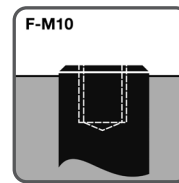
**Acid density $d_n = 1.26 \text{ kg/l}$

*** Filled and charged cell weights +/- 5%

Type	C_{6} 1.75 V/C	C_{10} 1.80 V/C	C_{12} 1.80 V/C	C_{24} 1.80 V/C	C_{48} 1.80 V/C	C_{72} 1.80 V/C	C_{100} 1.85 V/C	C_{120} 1.85 V/C	C_{240} 1.85 V/C
03 EnerSol 380	267	285	294	318	351	360	363	372	384
04 EnerSol 490	352	376	388	420	455	473	478	486	512
05 EnerSol 600	436	464	482	518	555	579	587	597	642
06 EnerSol 720	516	552	574	620	669	696	702	720	768
07 EnerSol 840	591	632	658	710	767	802	816	832	899
08 EnerSol 950	668	715	744	804	869	909	924	942	1019
09 EnerSol 1050	748	800	834	901	974	1019	1037	1048	1144
10 EnerSol 1110	825	874	908	969	1035	1076	1088	1107	1182

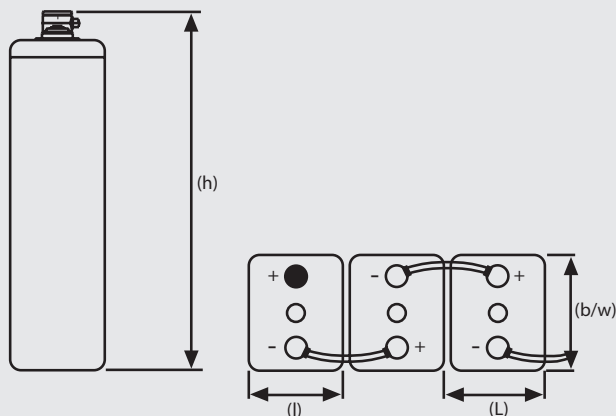
The capacities are given in Ah at 25 °C after 5 cycles.

Terminal and torque



25 Nm

Drawings with terminal position



Not to scale!