



SUSTAINABLE ENERGY  
FOR ALL





The idea is intended to enhance the quality of life.

Our modest start in 2015 led to a lot of time, effort, and money spent on addressing our customers' problems related to energy solutions, power electronics, & renewable energy. Today we can't imagine life without electricity. We always strive to offer a solution to our clients which can bring brightness, happiness, and smiles to their life.

The company is the first to develop the product & market, raise customer awareness, and establish global brands, as well as make sustainable energy solutions and renewable energy businesses.



"With our innovative & sustainable solutions, we aim to improve people's lives every day. Sustainable Energy for All".

By providing our clients with value-added solutions that power their lives and society, we are passionate about being the preferred manufacturer, integrator of Power Electronics and Solar power systems worldwide.



**Quality** – Quality control is an important aspect of our work so that the longevity and reliability of our products and systems can be maximized. A team of industry experts designs, engineers, and manufactures our products and systems to deliver the best possible performance.

**Competence** – We are competent in more than one way. Our seasoned professionals, use of advanced technology, and experience in the industry enable us to deliver top-of-the-line solutions for our clients.

**Customization** – Customization is our specialty. We don't shy away from complex projects, working diligently to provide the perfect, engineered-to-order solution for our customers.



**VRLA BATTERY**

**12V 7Ah – 240 Ah**

Tranquil VRLA Batteries feature rugged construction, high quality materials and advanced technologies, which is why they can be used frequently. They are manufactured at a state-of-the-art facility using strong grids and advanced technologies. It has a long float and cyclic life span, high specific energy and low self-discharge rate, completely leak proof, it has excellent anti corrosion properties and performs flawlessly in temperature varying conditions. It is suitable for Solar energy Systems, UPS, Marine and RV with all compliance to international standards.



Low Self Discharge



Long Cycle Life



Superior High Rate Discharge Feature.



Level Indicator For Easy Maintenance

**Technical Specifications**

Model	Capacity (AH) at 27 C					HRD 0.5 hr Am- peres 9.6V	Dimensions (mm) ± 3mm				Normal Charging Current (A)	Short Circuit Curent (A)	Internal Resistance Ω (m)	Battery Weight (Kg) ±3%	Ter- mi- nal Type
	20 hr 10.5V	10 hr 10.5V	5 hr 10.5V	3 hr 10.5V	1 hr 10.2V		Length	Width	Height	Total Height					
ASV12-7	7.00	6.51	5.95	5.25	4.20	7.00	151.50	65.00	94.00	100.00	0.70	105	30.00	2.15	F2
ASV12-7.5	7.50	6.98	6.38	5.63	4.50	7.50	151.50	65.00	94.00	100.00	0.75	112	30.00	2.35	F2
ASV12-9	9.00	8.37	7.65	6.75	5.40	9.00	151.50	65.00	94.00	100.00	0.90	135	19.00	2.55	F2
ASV12-10	10.00	9.30	8.50	7.50	6.00	10.00	151.00	98.00	94.50	100.00	1.00	150	15.00	3.35	F2
ASV12-12	12.00	11.16	10.20	9.00	7.20	12.00	151.00	98.00	94.50	100.00	1.20	180	15.00	3.55	F2
ASV12-18	18.00	16.74	15.30	13.50	10.80	18.00	180.00	77.00	172.00	172.00	1.80	270	14.00	6.00	T4
ASV12-26	26.00	24.18	22.10	19.50	15.60	26.00	166.00	176.00	125.00	125.00	2.60	390	14.00	8.45	T5
ASV12-42	42.00	39.06	35.70	31.50	25.20	42.00	197.00	165.00	179.00	179.00	4.20	630	13.00	13.40	T6
ASV12-45	45.00	41.85	38.250	33.75	27.00	45.00	197.00	165.00	179.00	179.00	4.50	675	13.00	14.50	T6
ASV12-55	55.00	51.15	46.750	41.25	33.00	55.00	349.00	167.00	190.00	192.00	5.50	825	11.00	19.50	T6
ASV12-65	65.00	60.45	55.25	48.75	39.00	65.00	349.00	167.00	190.00	192.00	6.50	975	11.00	21.90	T6
ASV12-75	75.00	69.75	63.75	56.25	45.00	75.00	349.00	167.00	190.00	192.00	7.50	1125	11.00	23.50	T6
ASV12-90	90.00	83.70	76.50	67.50	54.00	90.00	331.00	173.00	223.00	225.00	9.00	1350	9.00	28.90	T6
ASV12-100	100.00	93.00	85.00	75.00	60.00	100.00	331.00	173.00	223.00	225.00	10.00	1500	5.30	30.00	T6
ASV12-120	120.00	111.60	102.00	90.00	72.00	120.00	405.00	172.00	226.00	226.00	12.00	1800	4.00	37.00	T8
ASV12-130	130.00	120.90	110.50	97.50	78.00	130.00	485.00	170.00	242.00	242.00	13.00	1950	4.00	40.40	T8
ASV12-150	150.00	139.50	127.50	112.50	90.00	150.00	485.00	170.00	242.00	242.00	15.00	2250	3.60	43.70	T8
ASV12-165	165.00	153.45	140.25	123.75	99.00	165.00	485.00	170.00	242.00	242.00	16.50	2475	3.60	48.50	T8
ASV12-200	200.00	186.00	170.00	150.00	120.00	200.00	522.00	238.00	219.00	225.00	20.00	3000	3.60	60.00	T8
ASV12-220	220.00	204.60	187.00	165.00	132.00	220.00	522.00	238.00	219.00	225.00	22.00	3300	3.00	63.00	T8
ASV12-240	240.00	223.20	204.00	180.00	144.00	240.00	522.00	238.00	219.00	225.00	24.00	3600	3.00	66.00	T8



# TRANQUIL



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