



T 812 Series



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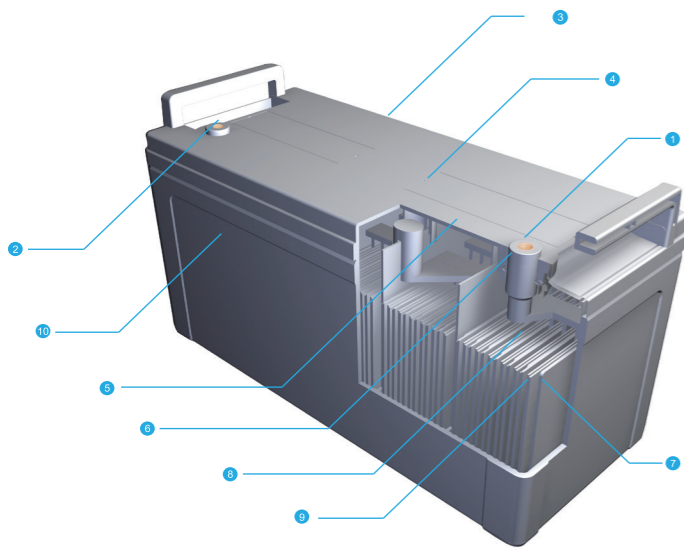


Product of Malaysia
Regional Sales Office In Hong Kong



T 812 Series

- Alarm Systems
- Cable Television
- Communication Equipment
- Control Equipment
- Computers
- Cable Television
- Electronic Cash Registers
- Electric Test Equipment
- Electric Powered Bicycle and Wheel Chair
- Emergency Lighting System
- Fire & Security System
- Geophysical Equipment
- Marine Equipment
- Medical Equipment
- Micro Processor Based Office Machines
- Portable Cine & Video Lights
- Power Tools
- Solar Powered Systems
- Telecommunication Systems
- Television & Video Recorders
- Toys
- Uninterruptible Power Supplies
- Vending Machines



- (+)Positive Terminal
- (-)Negative Terminal
- Mid Cover
- Top Cover
- Safety Valve
- Electrode Pole
- Negative Plate
- Positive plate
- Separator
- Cantaine

TECHNICAL SPECIFICATIONS

Valve Regulated Lead Acid Battery / IMP Deep Cycle Battery

Battery Model	Nominal voltage (v)	Rated capacity (Ah) 20hrs/25 C	Approx.weight		Lenght		Width		Height		Total Height		Terminal Type
			kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch	
T 812-4Ah	6	4	0.66	1.46	70	2.76	48	1.89	101	3.98	106	4.18	T1
T 812-4.5Ah	6	4.5	0.72	1.59	70	2.76	48	1.89	101	3.98	106	4.18	T1
T 812-5Ah	6	5	0.78	1.72	70	2.76	48	1.89	101	3.98	106	4.18	T1
T 812-8Ah	6	8	1.28	2.82	151	5.95	34	1.34	94	3.70	100	3.94	T1
T 812-10Ah	6	10	1.65	3.64	151	5.95	50	1.97	94	3.70	100	3.94	T1
T 812-12Ah	6	12	1.81	3.99	151	5.95	50	1.97	94	3.70	100	3.94	T1
T 812-100Ah	6	100	17.00	37.48	195	7.68	170	6.70	207	8.16	210	8.27	T16
T 812-180Ah	6	180	29.00	63.93	260	10.24	180	7.09	246	9.69	250	9.85	T19
T 812-200Ah	6	200	30.50	67.24	322	12.69	178	7.01	227	8.94	230	9.06	T19
T 812-225Ah	6	225	34.50	76.06	243	9.57	188	7.41	276	10.87	276	10.87	T19
T 812-4Ah	12	4	1.33	2.93	90	3.55	70	2.76	101	3.98	106	4.18	T1
T 812-4.5Ah	12	4.5	1.38	3.04	140	5.52	48	1.86	102	4.02	104	4.10	T1, T2
T 812-5Ah	12	5	1.70	3.75	151	5.95	51	2.01	94	3.70	100	3.94	T1
T 812-7Ah	12	7	2.00	4.41	151	5.95	65	2.56	94	3.70	100	3.94	T2
T 812-7.2Ah	12	7.2	2.00	4.85	151	5.95	65	2.56	94	3.70	100	3.94	T2
T 812-7.5Ah	12	7.5	2.35	5.18	151	5.95	65	2.56	94	3.70	100	3.94	T1
T 812-8Ah	12	8	2.35	5.18	151	5.95	65	2.56	94	3.70	100	3.94	T1
T 812-9Ah	12	9	2.50	5.51	151	5.95	65	2.56	94	3.70	100	3.94	T1
T 812-10Ah	12	10	2.95	6.50	151	5.95	65	2.56	111	4.37	116	4.57	T2
T 812-12Ah	12	12	3.43	7.56	151	5.95	98	3.86	94	3.70	100	3.94	T2
T 812-14Ah	12	14	3.65	8.05	151	5.95	98	3.36	94	3.70	100	3.94	T2
T 812-15Ah	12	15	4.85	10.69	181	7.13	77	3.03	167	6.58	167	6.58	T3
T 812-17Ah	12	17	5.00	11.02	181	7.13	77	3.03	167	6.58	167	6.58	T3
T 812-18Ah	12	18	5.00	11.02	181	7.13	77	3.03	167	6.58	167	6.58	T3
T 812-20Ah	12	20	5.50	12.3	181	7.13	77	3.03	167	6.58	167	6.58	T3
T 812-24Ah	12	24	7.60	16.75	175	6.90	166	6.54	125	4.93	125	4.93	T4
T 812-26Ah	12	26	7.80	17.20	175	6.90	166	6.54	125	4.93	125	4.93	T4
T 812-28Ah	12	28	8.00	17.64	175	6.90	166	6.54	125	4.93	125	4.93	T4
T 812-33Ah	12	33	10.00	22.05	196	7.72	131	5.16	155	6.11	180	7.09	T16
T 812-35Ah	12	35	10.20	22.27	196	7.72	131	5.16	155	6.11	180	7.09	T16
T 812-38Ah	12	38	12.00	26.46	197	7.76	166	6.54	174	6.86	181	7.13	T12
T 812-40Ah	12	40	13.00	28.66	197	7.76	166	6.54	174	6.86	181	7.13	T12
T 812-45Ah	12	45	13.80	31.08	197	7.76	166	6.54	171	6.74	171	6.74	T9
T 812-50Ah	12	50	15.50	34.17	230	9.06	138	5.44	211	8.31	224	8.83	T12
T 812-55Ah	12	55	15.50	34.17	230	9.06	138	5.44	211	8.31	229	9.02	T9/16
T 812-60Ah	12	60	19.00	41.89	350	13.79	166	6.54	179	7.05	179	7.05	T9
T 812-65Ah	12	65	19.50	42.99	350	13.79	166	6.54	179	7.05	179	7.05	T9
T 812-70Ah	12	70	21.00	46.30	350	13.79	166	6.54	179	7.05	179	7.05	T9
T 812-80Ah	12	80	25.00	55.11	260	10.24	169	6.66	211	8.31	215	8.47	T16
T 812-90Ah	12	90	26.50	58.42	331	13.04	173	6.82	213	8.39	233	9.18	T19
T 812-100Ah	12	100	27.50	60.63	331	13.04	173	6.82	213	8.39	233	9.18	T19
T 812-120Ah	12	120	34.50	76.06	407	16.04	174	6.86	209	8.23	233	9.18	T19
T 812-135Ah	12	135	41.50	91.49	484	19.07	171	6.74	241	9.50	241	9.50	T19
T 812-150Ah	12	150	42.00	92.59	484	19.07	171	6.74	241	9.50	241	9.50	T19
T 812-165Ah	12	165	49.00	108.03	484	19.07	171	6.74	241	9.50	241	9.50	T19
T 812-200Ah	12	200	56.50	124.56	522	20.57	240	9.46	216	8.51	240	9.46	T19
T 812-250Ah	12	250	60.00	132.28	522	20.57	240	9.46	216	8.51	240	9.46	T19
T 812-200Ah	12	200	56.50	124.56	522	20.57	240	9.46	216	8.51	240	9.46	T19



T812 Gel Series

- Telecommunications
- Power Plants
- Remote Control Power Supply
- Solar and Wind Power System
- Data Systems
- Alarms and Security Systems
- Emergency Lighting
- Electric Wheelchair
- Power Station
- Marine Equipment
- Military Equipment
- Emergency Power System
- Golf Car

TECHNICAL SPECIFICATIONS

GEL BATTERY

Battery Model	Nominal voltage (v)	Rated capacity (Ah) 20hrs/25 C	Approx. weight		Length		Width		Height		Total Height		Terminal Type
			kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch	
T 812 Gel 24Ah	12	24	7.60	16.75	175	6.90	166	6.54	125	4.93	125	4.93	T4
T 812 Gel 33Ah	12	33	10.00	22.05	196	7.72	131	5.16	155	6.11	170	7.09	T9, 16
T 812 Gel 38Ah	12	38	12.00	26.46	197	7.76	166	6.54	174	6.86	181	7.13	T12
T 812 Gel 50Ah	12	50	15.50	34.17	230	9.06	138	5.44	211	8.31	229	9.02	T9, 16
T 812 Gel 65Ah	12	65	19.50	42.99	350	13.79	166	6.54	179	7.05	179	7.05	T9
T 812 Gel 70Ah	12	70	21.00	46.30	260	10.24	169	6.66	211	8.31	215	8.47	T16
T 812 Gel 80Ah	12	80	25.00	55.11	260	10.24	169	6.66	211	8.31	215	8.47	T16
T 812 Gel 90Ah	12	90	26.50	58.42	331	13.04	173	6.82	213	8.39	233	9.18	T19
T 812 Gel 100Ah	12	100	27.50	60.63	331	13.04	173	6.82	213	8.39	233	9.18	T19
T 812 Gel 120Ah	12	120	34.50	76.06	407	16.04	174	6.86	209	8.23	233	9.18	T19
T 812 Gel 150Ah	12	150	42.00	92.59	484	19.07	171	6.74	241	9.50	241	9.50	T19
T 812 Gel 200Ah	12	200	60.00	132.28	522	20.57	240	9.46	216	8.51	240	9.46	T19
T 812 Gel 250Ah	12	250	70.00	154.32	520	20.49	268	10.56	220	8.67	243	9.57	T19

Our gel battery is manufactured with special separator and colloidal or foamed silica. The battery use silica gel to immobilize the electrolyte inside the battery.

Excellent Performance

- A. High efficiency discharge : sealed reaction efficiency rate more than 99.99%
- B. Low rate or liquid loss : Liquid loss rate is half lower than adsorbed type battery. Effectively alleviate the electrolyte early dry.
- C. Low self discharge : Storage with power for two years among temperature 25 C is possible. Storage time is 4 times longer than adsorbed type battery.

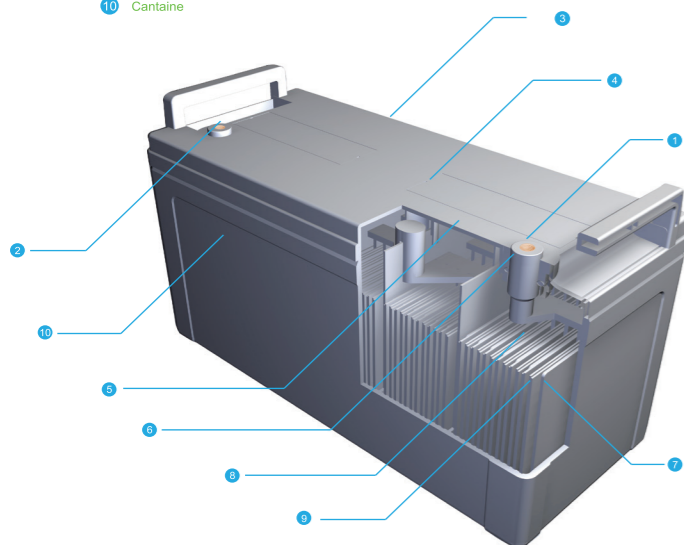
Deep Cycle Longer Life

- A. Longer life : 12 years design life, saving expenses of replacement.
- B. The deep discharge cycles is increased by 50% as compared with the Typhoon 8 series.

Strong Adaptability & Recover Capability

- A. High adaption to the environment able to work in -40 C ~ 60 C temperature range.
- B. Excellent recovery capability after over-discharge over : over discharge to "0" V, battery still have a good recovery ability. Discharge under 1CA for 21 days, battery recover capacity is up to 100% recovery.

- 1 (+)Positive Terminal
- 2 (-)Negative Terminal
- 3 Mid Cover
- 4 Top Cover
- 5 Safety Valve
- 6 Electrode Pole
- 7 Negative Plate
- 8 Positive plate
- 9 Separator
- 10 Cantaine





T812 Solar Battery Series

- Communication equipment
- Telecommunication control equipment
- Emergency lighting systems
- Electric power systems
- Power station
- Nuclear power station
- Solar powered and wind powered systems
- Load leveling and storage equipment
- Marine equipment
- Power generation plants
- Alarm systems
- Uninterruptible power supplies
- Stand-by power for computers
- Medical equipment
- Fire and security systems
- Control equipment
- Stand-by electric power

TECHNICAL SPECIFICATIONS

SOLAR BATTERY

Battery Model	Normal voltage (v)	Rated capacity (Ah) 20hrs/25 C	Approx. weight		Length		Width		Height		Total Height		Terminal Type
			kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch	
T 812 Solar 50Ah	2	50	2.90	6.39	160	6.30	49	1.93	166	6.54	176	6.93	T12
T 812 Solar 100Ah	2	100	5.60	12.35	171	6.74	71	2.80	207	8.16	227	8.94	T6
T 812 Solar 100Ah	2	100	5.90	13.01	171	6.74	71	2.80	207	8.16	231	9.09	T11
T 812 Solar 150Ah	2	150	8.00	17.64	172	6.78	102	4.02	207	8.16	231	9.09	T11
T 812 Solar 200Ah	2	200	13.50	29.76	172	6.78	111	4.37	329	12.96	356	14.03	T20
T 812 Solar 300Ah	2	300	18.80	41.45	171	6.74	151	5.95	330	13.00	366	14.42	T20
T 812 Solar 400Ah	2	400	26.70	58.86	210	8.27	176	6.93	329	12.96	366	14.42	T20
T 812 Solar 500Ah	2	500	31.00	68.34	341	9.50	172	6.78	331	13.04	366	14.42	T20
T 812 Solar 600Ah	2	600	38.00	83.77	301	11.86	175	6.90	331	13.04	366	14.42	T20
T 812 Solar 800Ah	2	800	53.00	116.84	410	16.15	175	6.90	330	13.00	365	14.38	T20
T 812 Solar 1000Ah	2	1000	63.00	138.89	475	18.72	175	6.90	330	13.00	356	14.03	T20
T 812 Solar 1200Ah	2	1200	74.00	163.14	475	18.72	351	6.90	330	13.00	356	14.03	T20
T 812 Solar 1500Ah	2	1500	101.00	222.66	401	15.80	351	13.83	342	13.47	369	14.54	T20
T 812 Solar 1800Ah	2	1800	120.00	264.55	401	15.80	351	13.83	342	13.47	369	14.54	T20
T 812 Solar 2000Ah	2	2000	132.00	291.01	491	19.35	351	13.83	343	13.51	369	14.54	T20
T 812 Solar 2500Ah	2	2500	165.00	363.76	710	27.97	352	13.87	342	13.47	369	14.54	T20
T 812 Solar 3000Ah	2	3000	195.00	429.90	710	27.97	352	13.87	342	13.47	369	14.54	T20

2V Solar Battery

Super large capacity

Using high- corrosion- resistant alloys and unique electrolyte formula, greatly increase the battery capacity up to 3000Ah.

Minimal materials consumption

Low resistance, using low inner resistance copper pole to ensure battery discharge safely with large current without heating.



Nicad 8 Battery Series

- Communication equipment
- Telecommunication control equipment
- Emergency lighting systems
- Electric power systems
- Power station
- Nuclear power station
- Solar powered and wind powered systems
- Load leveling and storage equipment
- Marine equipment
- Power generation plants
- Alarm systems
- Uninterruptible power supplies
- Stand-by power for computers
- Medical equipment
- Fire and security systems
- Control equipment
- Stand-by electric power

TECHNICAL SPECIFICATIONS

SOLAR BATTERY

Battery Model	Normal voltage (v)	Rated capacity (Ah) 20hrs/25 C	Approx. weight		Length		Width		Height		Total Height		Terminal Type
			kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch	
Nicad 8 200Ah	2	200	13.2	29.11	103	4.06	206	8.11	354	13.94	380	6.93	T12
Nicad 8 250Ah	2	250	16.2	35.72	124	4.88	206	8.11	354	13.94	380	8.94	T6
Nicad 8 300Ah	2	300	19.2	42.34	145	5.71	206	8.11	354	13.94	380	9.09	T11
Nicad 8 350Ah	2	350	19.4	42.76	124	4.88	206	8.11	470	18.5	496	9.09	T11
Nicad 8 420Ah	2	420	23.4	51.0	145	5.71	206	8.11	470	18.5	496	14.03	T20
Nicad 8 500Ah	2	500	27.4	60.42	166	6.54	206	8.11	470	18.5	366	14.42	T20
Nicad 8 600Ah	2	600	33.9	74.75	145	5.71	206	8.11	645	25.39	366	14.42	T20
Nicad 8 800Ah	2	800	45.3	99.9	191	7.52	210	8.27	645	25.39	366	14.42	T20
Nicad 8 1000Ah	2	1000	55.5	122.4	233	9.17	210	8.27	645	25.39	366	14.42	T20
Nicad 8 1200Ah	2	1200	65.8	145.06	275	10.83	210	8.27	645	25.39	365	14.38	T20
Nicad 8 1500Ah	2	1500	87	191.8	275	10.83	210	8.27	795	31.3	356	14.03	T20
Nicad 8 2000Ah	2	2000	123	271.2	399	15.71	214	8.43	771	30.35	356	14.03	T20
Nicad 8 2500Ah	2	2500	142	313.1	487	19.17	212	8.35	771	30.35	369	14.54	T20
Nicad 8 3000Ah	2	3000	179	394.7	576	22.68	212	8.35	771	30.35	369	14.54	T20

Tubular Flooded Battery

Nicad 8 Series Valve Regulated Lead Acid batteries are designed with a combination of die-casting tubular positive framework and superfluous electrolyte technologies to offer a very high level of reliability and a long service life. Nicad batteries used special filter and proof design to ensure no acid fog runs over and burning proof, and also convenient examine and maintenance.

Characteristics

1. Floating design life time up to 20years
2. Designed cycle life more than 600 times at 100% deep discharge at 20°C ambient temperature.
3. Tubular positive plate with prolonged cycle life.
4. Explosive-proof with special designed vented plug.
5. Dry charged package and delivery ensure longer shelf life.
6. Ensuring sufficient electrolyte for the battery discharge.