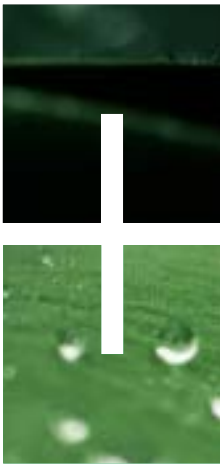




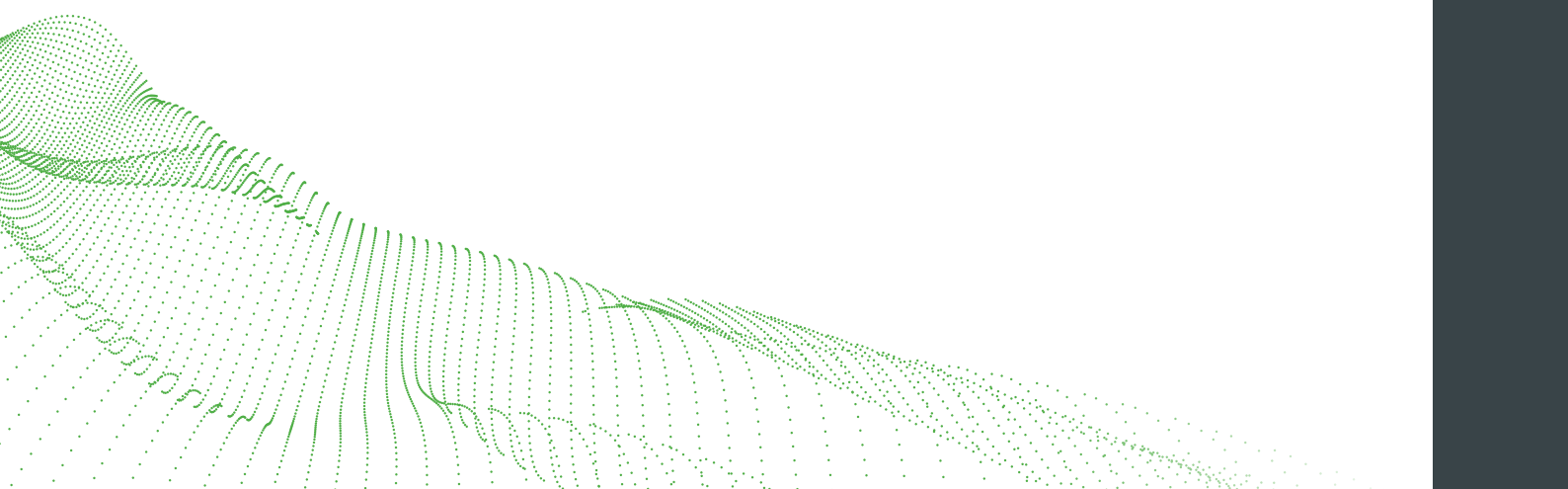
T A B E . L E I S U R E



TAB E.LEISURE

TAB E.LEISURE Li-Ion Monoblocks Batteries are ideal for applications where long lifespan, light weight, higher power, fast charging, and safety are the key. They can be used in a variety of stationary and motive power applications.

Batteries are protected against overcharging, deep discharging, overheating and can be straightforward replacement for most other technology batteries.



MAIN FEATURES



- **LONGER CYCLE LIFE:** Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership .
- **LIGHTER WEIGHT:** About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.
- **HIGHER POWER:** Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.
- **WIDER TEMPERATURE RANGE:** -20°C~ 60°C.
- **SUPERIOR SAFETY:** Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.

APPLICATION



- Solar & storage systems
- UPS, back power
- Telecommunications
- Lightning
- Golf Cars
- Wheelchairs
- Toys
- Marine and RV
- Cleaning Machines



FEATURES



SAFETY

- Non-explosive and non-combustible.
- Additional safety layer with PCB/BMS.
- CE, UL and UN 38.3 approved.



PERFORMANCE DATA

- 100% capacity available.
- High (1C) discharge currents.
- Full power available throughout discharge with stable discharge voltage and lower internal resistance.



USAGE DATA

- Long life with more than 2.000 cycles.
- Rechargeable with 1C current and 90% recharged within 1 hour.
- Long shelf life.
- Increased energy density due to more efficient packing.



EFFICIENCY

- Highly efficient charging.
- More efficient operation at low temperatures.
- Plug and play charge and discharge.



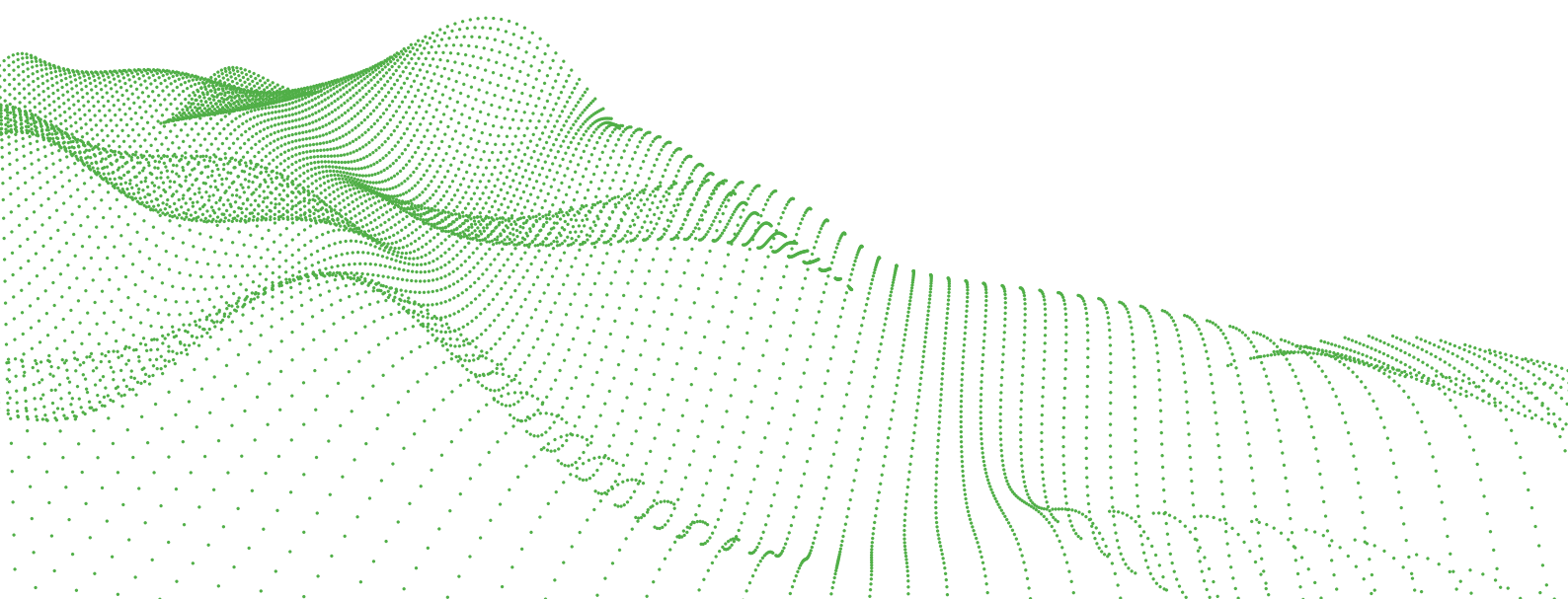
ENVIRONMENT

- Does not contain any acid or heavy metals such as lead, cadmium, or mercury.
- No acid inside, so no problems with leakage.
- No gas emitted.



CHEMISTRY

- High power performance: When discharging, the battery will have constant power through 85% of SOC.
- Extremely safe and stable chemistry.
- Long service life: Up to 10 years, and up to 2.000 – 4.000 cycles (under 80% DOD).
- No memory effect.



PRODUCT OVERVIEW

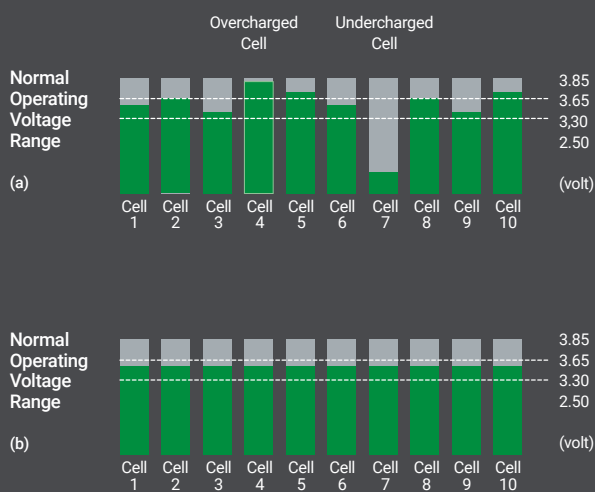
- 1 (-) Terminal to connect charger/consumer.
- 2 (+) Terminal to connect charger/consumer.
- 3 Handle for lifting.
- 4 Bottom – we advise keeping the battery bottom down, as shown in the image.



PRODUCT RANGE

Standard delivery of TAB E.LEISURE Monoblocks is with an integrated SOC display or optional Bluetooth for batteries above 40Ah.

BATTERY BALANCING



The BMS automatically balances the cells if necessary. Balancing can take place during charging and idle mode and will not have an effect on the functionality of the battery.



E.LEISURE *premium*



SPECIFICATIONS

TAB E.LEISURE PREMIUM								
Code	V	Ah	Wh	Dimensions (mm)			Weight	Terminal
				L	W	H	Kg	
HD 6.4-4.5 P	6,4	4,5	28,8	90	70	101	0,6	F1
HD 6.4-7.5 P	6,4	7,5	48	152	34	101	0,9	F1
HD 6.4-10 P	6,4	10	64	152	51	101	1,2	F1
HD 12-4,5 P	12,8	4,5	57,6	90	70	106	0,8	F1
HD 12-6.0 P	12,8	6	76,8	90	70	106	0,8	F1
HD 12-7,5 P	12,8	7,5	96	152	65	95	1,1	F1
HD 12-10 P	12,8	10	128	152	100	95	1,2	F1
HD 12-12 P	12,8	12	153,6	152	100	95	1,3	F2
HD 12-18 P	12,8	18	230,4	181	77	168	2,2	M5
HD 12-20 P	12,8	20	256	181	77	168	2,4	M5
HD 12-26 P	12,8	26	332,8	166	175	125	3,2	M5
HD 12-33 P	12,8	33	422,4	197	130	180	4,8	M6
HD 12-40 P	12,8	40	512	197	165	170	5,3	M6
HD 12-45 P	12,8	45	576	197	165	170	5,7	M6
HD 12-50 P	12,8	50	640	228	140	215	6,8	M6
HD 12-55 P	12,8	55	704	228	138	228	7,5	M6
HD 12-60 P	12,8	60	768	228	138	228	7,9	M6
HD 12-65 P	12,8	65	832	260	168	210	8,1	M6
HD 12-75 P	12,8	75	960	260	168	210	8,8	M6
HD 12-80 P	12,8	80	1024	260	168	210	9,2	M6
HD 12-100 P	12,8	100	1280	330	173	212	11,6	M8
HD 12-100S P	12,8	100	1280	305	168	210	11,6	M8
HD 12-100L P	12,8	100	1280	335	175	195	11,6	M8
HD 12-120S P	12,8	120	1536	330	173	212	13,6	M8
HD 12-120 P	12,8	120	1536	410	175	225	13,6	M8
HD 12-150 P	12,8	150	1920	483	170	238	17,6	M8
HD 12-200 P	12,8	200	2560	522	240	224	23,5	M8
HD 12-250 P	12,8	250	3200	522	240	224	27,8	M8
HD 12-300 P	12,8	300	3840	522	240	224	32,5	M8
HD 12-16 P	12,8	16	204,8	168	128	75	2,2	T bar
HD 12-18 P	12,8	18	230,4	181	77	167	3,0	T bar
HD 12-22 P	12,8	22	281,6	168	128	126	3,0	T bar
HD 24-6 P	25,6	6	153,6	152	99	96	1,7	F2
HD 24-10 P	25,6	10	256	181	77	167	2,8	M5
HD 24-20 P	25,6	20	512	195	130	180	4,8	M5
HD 24-50 P	25,6	50	1280	330	173	212	12,5	M8
HD 24-75 P	25,6	75	1920	483	170	238	17,6	M8
HD 24-100 P	25,6	100	2560	522	240	224	22,7	M8
HD 24-125 P	25,6	125	3200	522	240	224	29,6	M8
HD 24-150 P	25,6	150	3840	522	240	224	32,5	M8

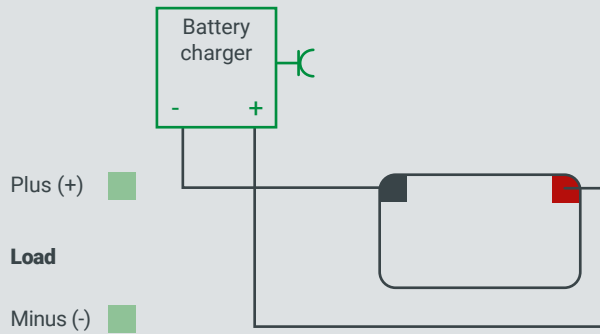


E.LEISURE *clever*



SPECIFICATIONS

TAB E.LEISURE CLEVER								
Code	V	Ah	Wh	Dimensions (mm)			Weight	
				L	W	H	Kg	Terminal
HD 12-7,5 C	12,8	7,5	96	152	65	95	1,1	F1
HD 12-10 C	12,8	10	128	152	100	95	1,2	F1
HD 12-12 C	12,8	12	153,6	152	100	95	1,3	F2
HD 12-20 C	12,8	20	256	181	77	168	2,4	M5
HD 12-33 C	12,8	33	422,4	195	130	180	4,8	M6
HD 12-40 C	12,8	40	512	197	165	170	5,3	M6
HD 12-50 C	12,8	50	640	228	140	215	6,8	M6
HD 12-65 C	12,8	65	832	260	168	210	8,1	M6
HD 12-75 C	12,8	75	960	260	168	210	8,8	M6
HD 12-80 C	12,8	80	1024	260	168	210	9,2	M6
HD 12-100 C	12,8	100	1280	330	173	212	11,6	M8
HD 12-100L C	12,8	100	1280	335	175	195	11,6	M8
HD 12-120 C	12,8	120	1536	410	175	225	13,6	M8
HD 12-150 C	12,8	150	1920	483	170	238	17,6	M8
HD 12-200 C	12,8	200	2560	522	240	224	23,5	M8
HD 12-250 C	12,8	250	3200	522	240	224	27,8	M8
HD 12-300 C	12,8	300	3840	522	240	224	32,5	M8
HD 24-50 C	25,6	50	1280	330	173	212	12,5	M8
HD 24-75 C	25,6	75	1920	483	170	238	17,6	M8
HD 24-100 C	25,6	100	2560	522	240	224	22,7	M8
HD 24-150 C	25,6	150	3840	522	240	224	32,5	M8



CONNECTING THE BATTERY

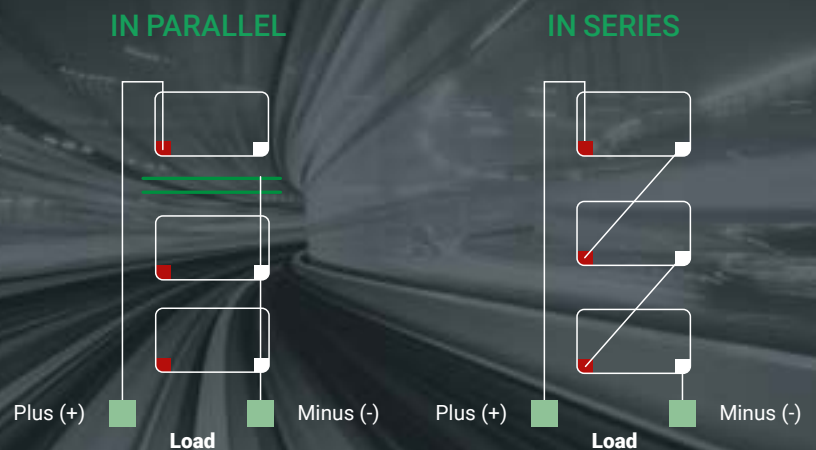
Use an appropriate wire for the connection wires to ensure no overheating or unnecessary losses occur. Use appropriate fuses matching the wires and load.

CHARGING

TAB d.d. lithium iron phosphate batteries can be charged in 1 hour.

CONNECTING IN SERIES AND PARALLEL

The maximum number of batteries in parallel is 20pcs and the maximum number of batteries in series is 4pcs. To divide the current equally among batteries, use the schematic below.





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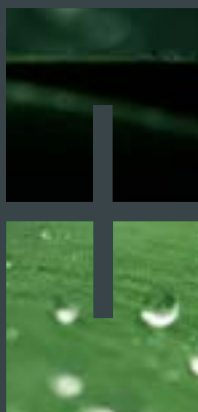
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TAB 
Li-ion batteries