

Industrial Batteries – Network Power
J-Series JTT
High power for strong demand.

Specifications

If cost efficiency and high performance are requested.

Specifications

- Especially built to be an ideal choice, the J-Series JTT is cost – effective for UPS and power supplies for safety systems
- Perfect combination between energy storage and high current performance
- Maintenance –free (no topping up) during the whole service life
- Nominal capacity 24 to 215Ah (C10)
- Power discharge 624 to 4800W (P15 min) per 12V unit
- Case material UL94- HB
- Grid plate construction
- Very low gassing due to internal gas recombination (99% efficient)
- Low self – discharge rate (about 3% / month at 20°C)
- Trouble – free transportation of operation blocks, no restrictions for rail, road, sea and air transportation (IATA, DGR clause A67)
- Completely recyclable



More power for network power.

Applications

The J-Series JTT is a cost - effective and reliable power back up source in various industries such as telecom, data centres, banking and finance, etc.



Valve regulated
lead acid
batteries



Grid plate



Nominal
capacity
24 - 215 Ah



Block battery



Maintenance-
free
(no topping up)



Recyclable

Technical characteristics and data

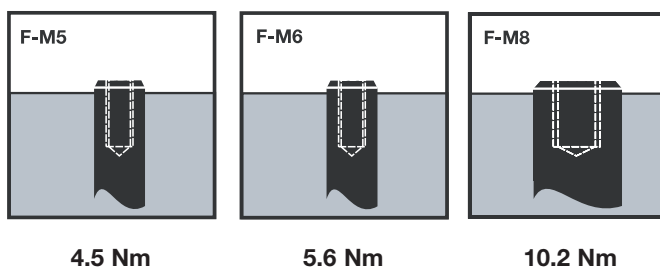
Type	Nominal voltage V	Capacity		Length (l) max. mm	Width (b/w) max. mm	Height container* (h) max. mm	Weight approx. kg	Max. discharge current f. 5 sec. A	Terminal
		C10 1.80V/C 25°C Ah	P15 1.60V/C 25°C W/block						
JTT12V620	12	24.3	624	176.5	167.5	126.5	9.40	390	F-M5
JTT12V790	12	30.9	792	196.5	130.5	169.0	11.3	495	F-M6
JTT12V960	12	37.4	960	198.5	166.5	172.5	14.3	600	F-M6
JTT12V1560	12	60.8	1560	352.0	168.0	176.0	24.5	650	F-M6
JTT12V2110	12	84.2	2110	329.0	172.0	238.0	30.5	900	F-M6
JTT12V2320	12	92.60	2321	329.0	172.0	238.0	33.5	900	F-M6
JTT12V2640	12	112	2640	409.0	175.0	241.0	39.5	1200	F-M6
JTT12V3300	12	150	3300	485.0	173.0	242.0	51.2	1600	F-M8
JTT12V4800	12	215	4800	524.0	242.0	221.5	66.2	2300	F-M8

* installed height depends on connector and screw

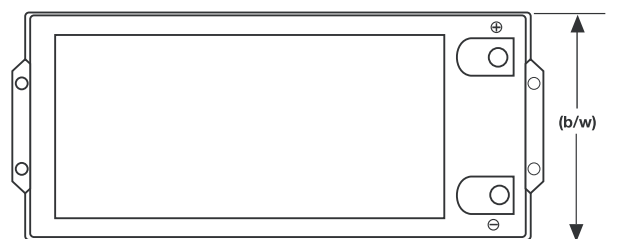
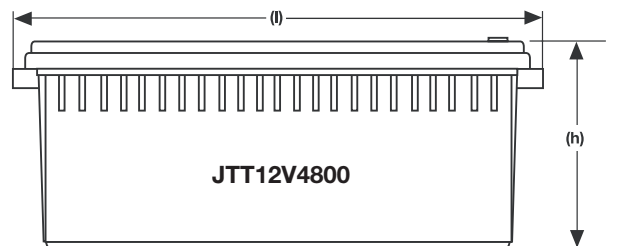
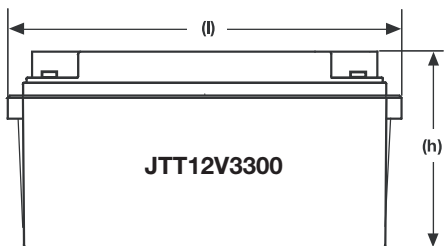
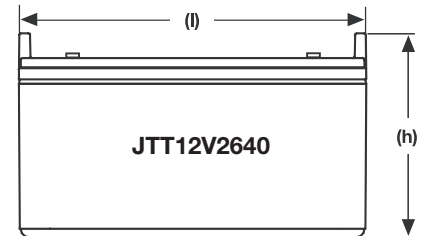
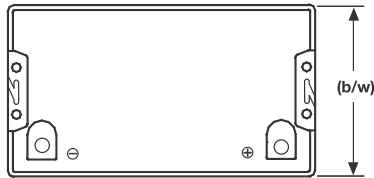
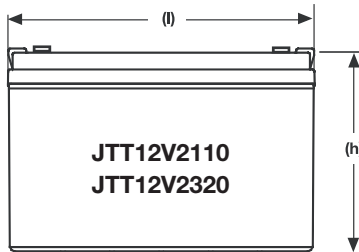
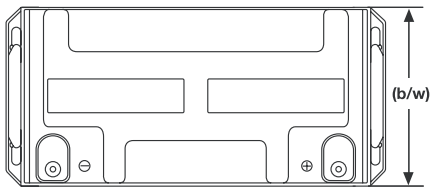
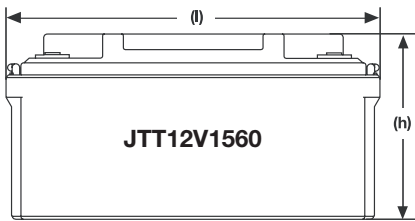
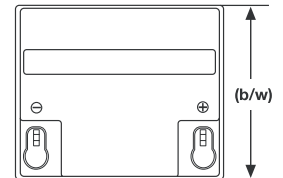
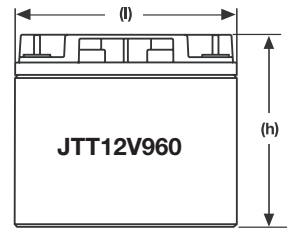
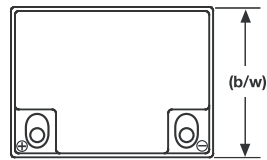
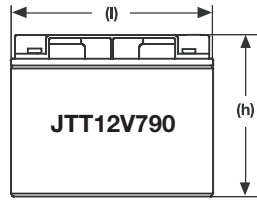
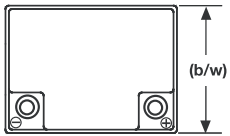
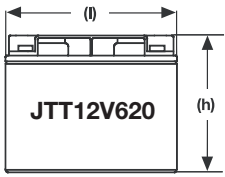
Container, terminal and torque

Container: UL 94 - HB

UL 94-VO is available upon request.

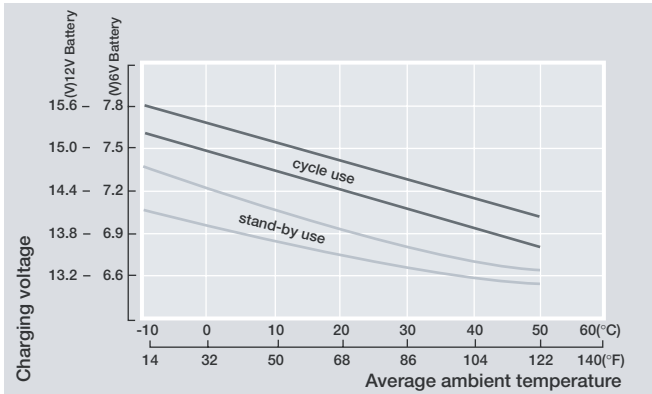


Dimensions



Not to scale!

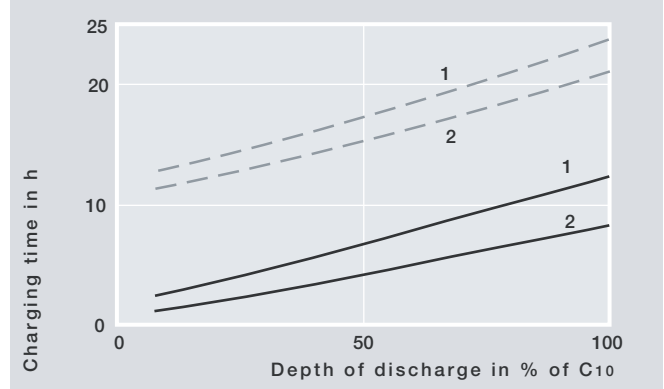
Technical data at a glance



--- max. permissible voltage
for continuous charging

— optimum voltage
for continuous charging

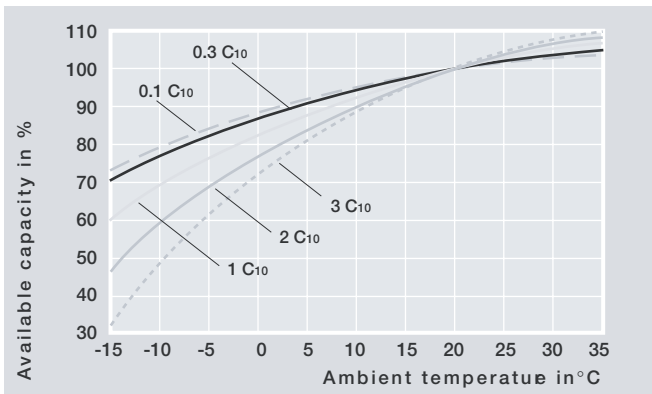
For continuous charging we recommend a voltage of 2.27 V/cell at 25°C. The charging voltage must be compensated to the curve for a continuously different battery ambient temperature.



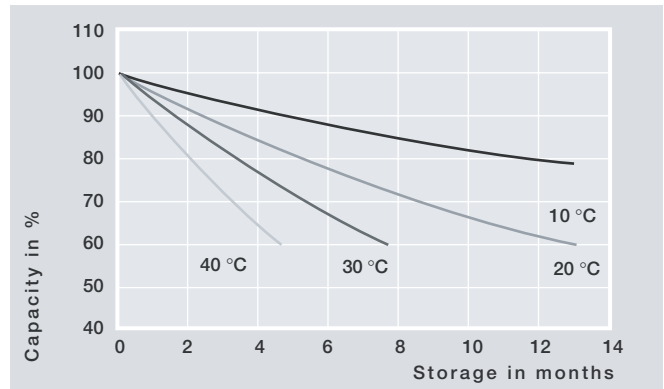
1: 0.1 C₁₀
2: 0.2 C₁₀

--- State of charge 100%
— State of charge 90%

Recharging time in relation to initial charging current.
For 2.27 V/cell at 25°C.



Available capacity in relation to the ambient temperature.



Self-discharge in relation to the storage temperature.

Constant power discharge

1.80 V/C – Discharge in W/block at 25°C									
Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	940	692	554	329	189	76	52.2	29.2
JTT12V790	NAJT120790HJOFA	1190	878	703	418	240	96	66.3	37.0
JTT12V960	NAJT120960HJOFA	1440	1060	853	507	291	116	80.3	44.9
JTT12V1560	NAJT121560HJOFA	2350	1730	1380	824	473	189	130.6	73.0
JTT12V2110	NAJT122110HJOFA	2820	2299	1876	1141	655	262	180.9	101.1
JTT12V2320	NAJT122320HJOFA	3100	2527	2062	1254	720	288	198.8	111.1
JTT12V2640	NAJT122640HJOFA	3680	2820	2340	1520	873	349	241.2	134.7
JTT12V3300	NAJT123300HJOFA	4527	3526	2933	2030	1164	466	321.6	179.7
JTT12V4800	NAJT124800HJOFA	6146	5149	4282	2917	1674	670	462.3	258.3

1.75 V/C – Discharge in W/block at 25°C									
Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	1080	749	580	342	194	77	53.0	29.6
JTT12V790	NAJT120790HJOFA	1380	951	736	434	247	98.1	67.3	37.6
JTT12V960	NAJT120960HJOFA	1670	1150	892	526	299	118	81.5	45.5
JTT12V1560	NAJT121560HJOFA	2720	1870	1450	856	487	193	132.6	74.0
JTT12V2110	NAJT122110HJOFA	3170	2490	1963	1185	674	267	183.6	102.6
JTT12V2320	NAJT122320HJOFA	3587	2737	2158	1302	741	294	201.8	112.8
JTT12V2640	NAJT122640HJOFA	4260	3050	2450	1580	899	356	244.8	136.8
JTT12V3300	NAJT123300HJOFA	5247	3820	3068	2107	1199	476	326.4	182.4
JTT12V4800	NAJT124800HJOFA	7113	5578	4480	3029	1724	683	469.2	262.2

1.70 V/C – Discharge in W/block at 25°C									
Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	1150	776	598	350	198	78	53.3	29.7
JTT12V790	NAJT120790HJOFA	1460	985	759	444	251	99	67.6	37.8
JTT12V960	NAJT120960HJOFA	1770	1190	920	538	305	119	82.0	45.8
JTT12V1560	NAJT121560HJOFA	2890	1940	1490	875	496	194	133.3	74.4
JTT12V2110	NAJT122110HJOFA	3468	2580	2024	1212	686	270	184.6	103.1
JTT12V2320	NAJT122320HJOFA	3811	2836	2224	1332	754	297	202.9	113.3
JTT12V2640	NAJT122640HJOFA	4530	3160	2530	1610	915	359	246.2	137.5
JTT12V3300	NAJT123300HJOFA	5574	3958	3162	2155	1221	480	328.2	183.3
JTT12V4800	NAJT124800HJOFA	7557	5779	4618	3098	1755	690	471.8	263.5

1.65 V/C – Discharge in W/block at 25°C									
Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	1200	795	611	355	200	78	53.5	29.8
JTT12V790	NAJT120790HJOFA	1530	1000	776	450	254	100	67.9	37.9
JTT12V960	NAJT120960HJOFA	1850	1220	941	546	308	120	82.3	45.9
JTT12V1560	NAJT121560HJOFA	3010	1980	1520	888	501	196	133.8	74.6
JTT12V2110	NAJT122110HJOFA	3624	2642	2070	1229	695	271	185.3	103.4
JTT12V2320	NAJT122320HJOFA	3983	2904	2275	1350	763	298	203.6	113.6
JTT12V2640	NAJT122640HJOFA	4730	3240	2580	1630	926	362	247	137.8
JTT12V3300	NAJT123300HJOFA	5825	4052	3253	2185	1235	483	329.4	183.8
JTT12V4800	NAJT124800HJOFA	7897	5918	4724	3141	1776	694	473.5	264.2

1.60 V/C – Discharge in W/block at 25°C									
Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	1240	811	624	358	202	79.0	53.6	29.8
JTT12V790	NAJT120790HJOFA	1580	1020	792	455	257	100	68.1	37.9
JTT12V960	NAJT120960HJOFA	1920	1240	960	552	312	121	82.5	45.9
JTT12V1560	NAJT121560HJOFA	3120	2020	1560	897	507	197	134.2	74.6
JTT12V2110	NAJT122110HJOFA	3744	2695	2112	1242	702	273	185.8	103.4
JTT12V2320	NAJT122320HJOFA	4115	2962	2321	1365	771	300	204.2	113.6
JTT12V2640	NAJT122640HJOFA	4890	3300	2640	1650	936	364	247.7	137.8
JTT12V3300	NAJT123300HJOFA	6019	4134	3300	2208	1248	486	330.3	183.8
JTT12V4800	NAJT124800HJOFA	8160	6037	4819	3174	1794	698	474.8	264.2