

# Exide Technologies Industrial Energy – The Industry Leader.



**ABSOLYTE™**

**Powerfit™**

**Classic™**



**MARATHON™**

**Sprinter™**

Exide Technologies is the global leader in stored electrical energy solutions with subsidiaries in more than 80 countries. Based on over 100 years of experience in technological innovation, we are partners of OEM and serve the spare parts market for industrial and transportation applications.

Our Global Industrial Energy Business Unit offers an extensive range of storage products and services, including solutions for telecommunications

systems, railway applications, mining, photovoltaic (solar energy), uninterruptible power supply (UPS), electrical power generation and distribution, fork lifts and electric vehicles.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management programme, (an integrated approach to manufacturing, distributing and recycling of lead acid batteries), has been developed to ensure a safe and responsible life cycle for all of its products.

## **Exide Technologies**

14.01,14Flr Plaza Permata, 6, Jln Kampar  
50400 K.L. Malaysia  
Tel : + (603) - 4041 8499  
Fax : + (603) - 4042 3499

No.6 Loyang Way 1 Singapore 508704  
Tel : + (65) 6546 2866  
Fax : + (65) 6546 2966

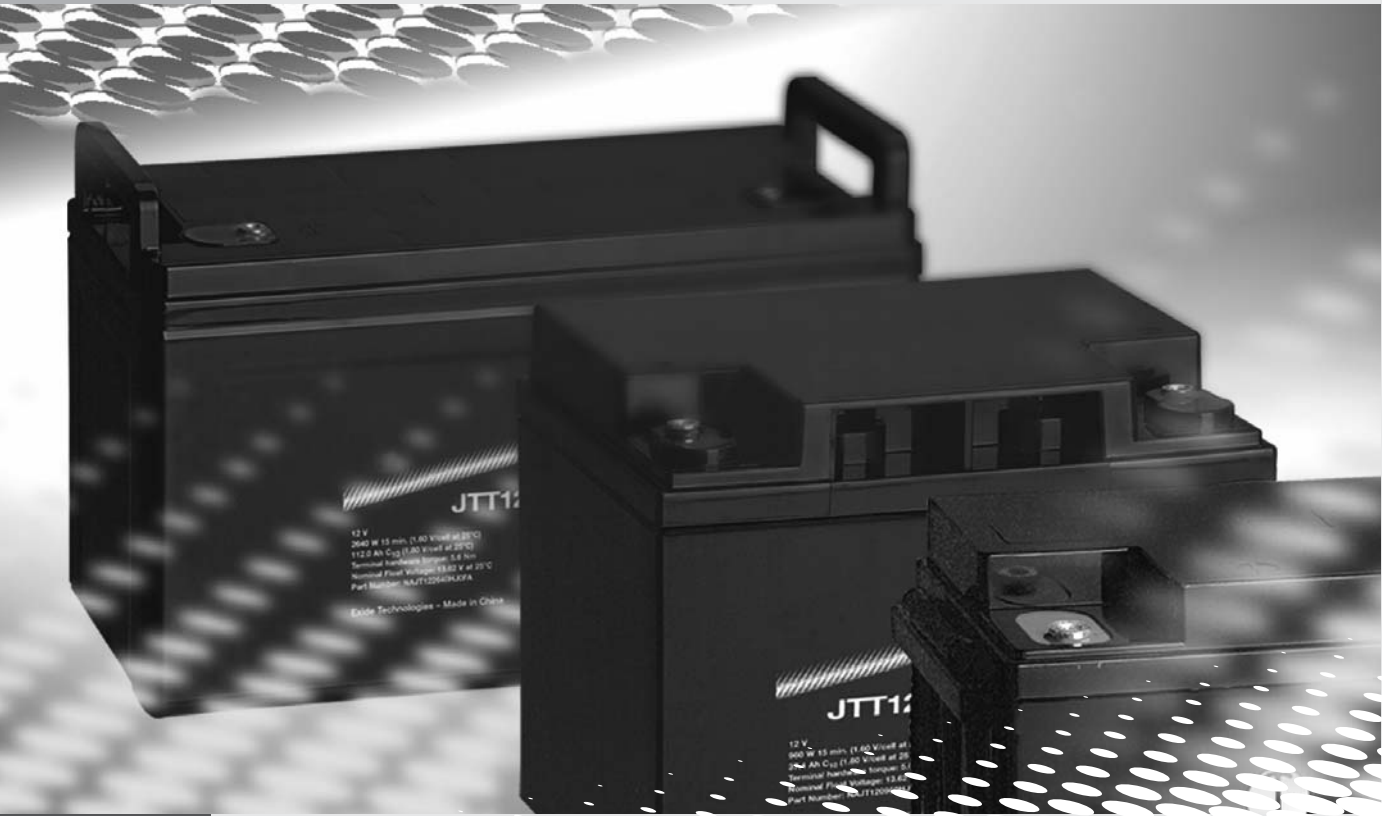
Part B, D4-62#, D4 plot, D District,  
70 Fu Te Road (E1), Shanghai Waigaoqiao  
Free Trad Zone, China.  
Postal Code : 200131  
Tel : + (86) 21-5868 1773  
Fax : + (86) 21-5868 1787 / 5868 0359

[www.exide.com](http://www.exide.com)

Shin-Kyobashi Bldg 5F 2-8-8 Kyobashi,  
Chuo-Ku Tokyo 104-0031 Japan  
Tel : + (81) 3 5250 7371  
Fax : + (81) 3 5250 5301

Suite 2211 - 12, Prudential Tower,  
The Gateway, 21 Canton Road,  
Kowloon, Hong Kong.  
Tel : + (852) 3106 2668  
Fax : + (852) 3106 0260

No.344, 6th Main, 1st Block, Koramangala  
Bangalore-560034 India  
Tel : + (91) 80 - 2550 0581  
Fax : + (91) 80 - 2550 0582



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

Specifications

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If cost efficiency and high performance are requested.

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### Specifications

- Especially designed for safety power supplies and UPS, J-Series batteries are the cost-effective choice for these applications
- Perfect combination between energy storage and high current performance
- Maintenance-free (no topping up) during the whole service life
- Power from 624 – 4800 watt/12 volt unit
- Eurobat Classification: General Purpose
- Case material HB
- Grid plate construction
- Low gas emission due to internal gas recombination (99% efficient)
- Low self-discharge rate (about 3%/month at 20°C)
- Completely recyclable



# More power for network power.

## Applications

The J-Series is a reliable energy source for UPS systems as well as it's suitable for security systems, emergency lighting and other power supplies for safety systems.



Valve regulated  
lead acid  
batteries



Grid plate



Nominal  
capacity  
24-215 Ah



Block battery



Maintenance-  
free  
(no topping up)



Recyclable

## Technical characteristics and data

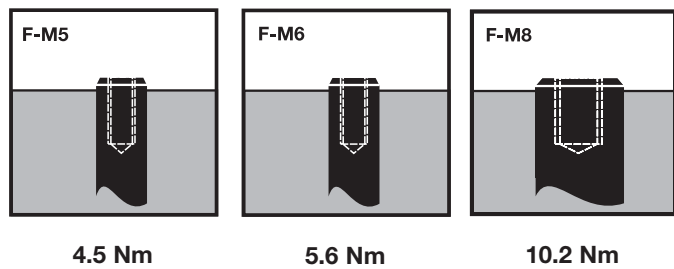
Type	Nominal voltage V	Capacity		Length (l) max. mm	Width (b/w) max. mm	Height container* (h) max. mm	Weight approx. kg	Max. discharge current f. 5 sec. A	Terminal
		C10 1.80V/C 25°C Ah	P15 1.60V/C 25°C W/block						
JTT12V620	12	24.3	624	176.5	167.5	126.5	9.40	390	F-M5
JTT12V790	12	30.9	792	196.5	130.5	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	331.0	174.0	221.0	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

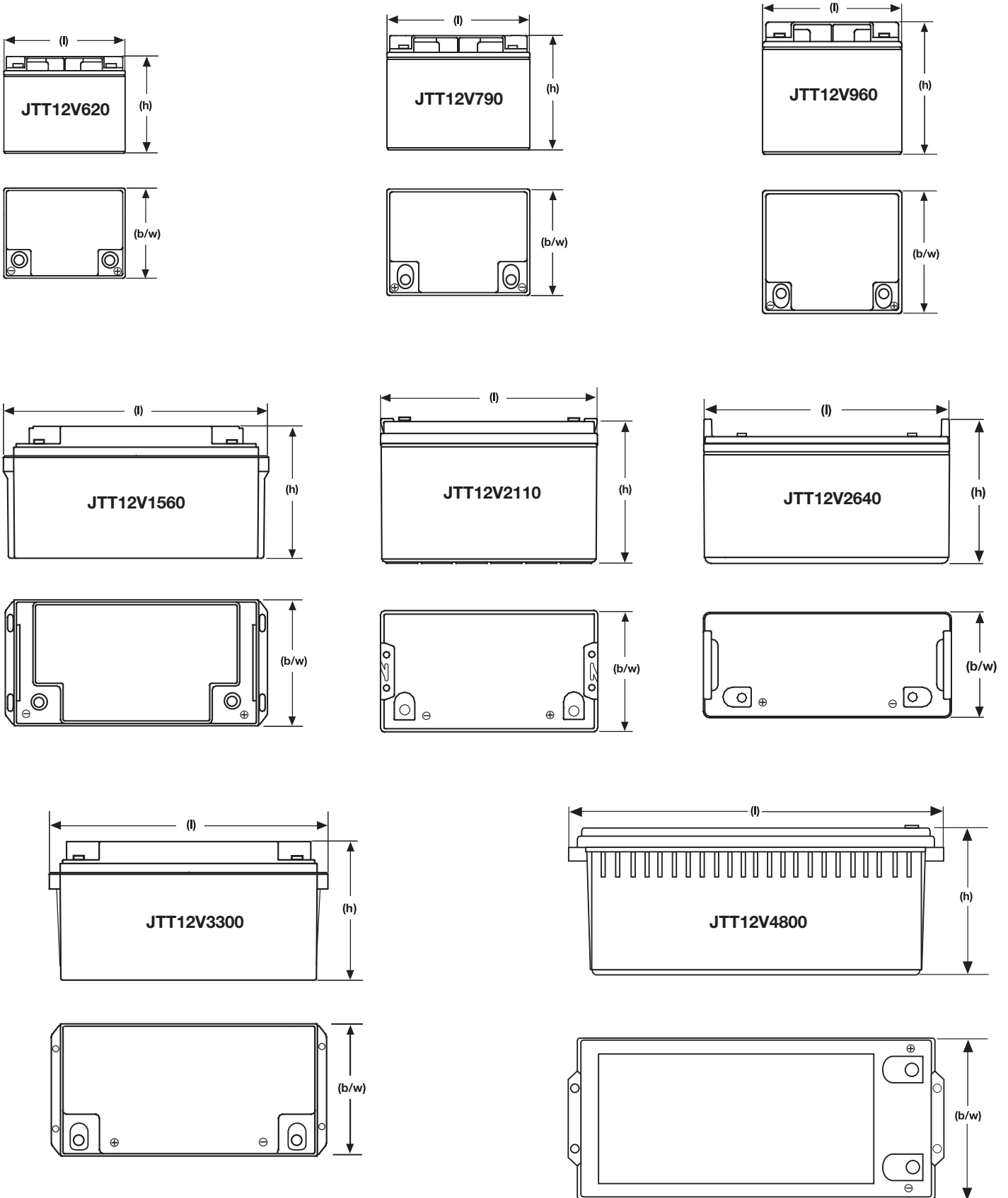
### Container, terminal and torque

Container: HB

UL94-VO is available upon request.

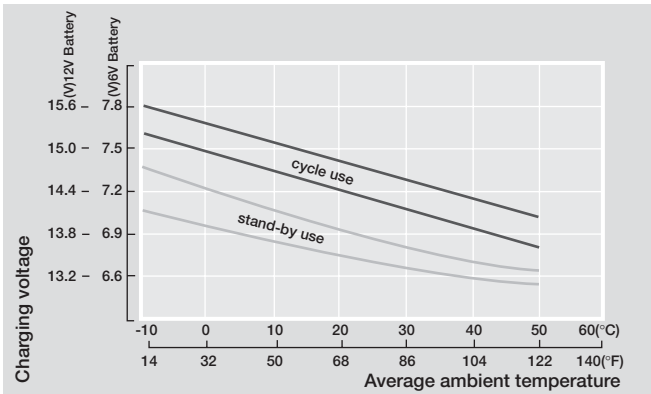


## Dimensions



Not to scale!

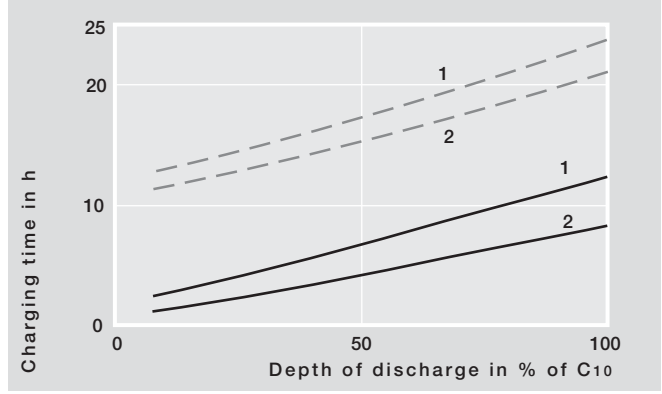
## Technical data at a glance



--- max. permissible voltage  
for continuous charging

— optimum voltage  
for continuous charging

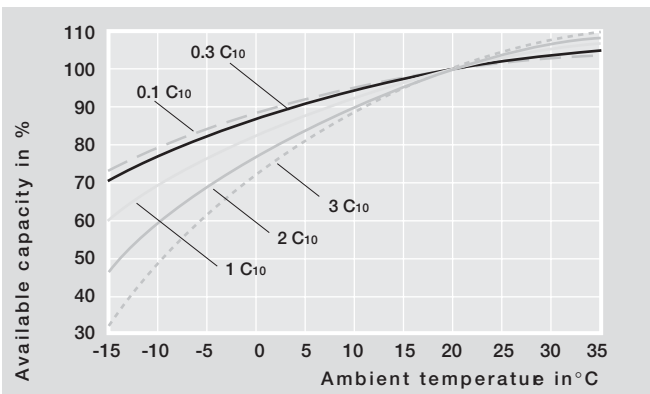
For continuous charging we recommend a voltage of 2.27 V/cell at 25°C. The charging voltage must be compensated to the curve for a continuously different battery ambient temperature.



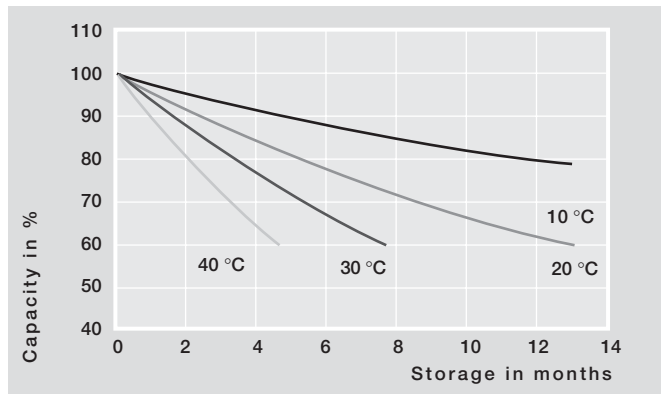
1: 0.1 C<sub>10</sub>  
2: 0.2 C<sub>10</sub>

--- 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°**

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	73.0
JTT12V2110	NAJT122110HJOFA	3060	2290	1870	1140	655	262	180	101
JTT12V2640	NAJT122640HJOFA	3680	2820	2340	1520	873	349	241	134
JTT12V3300	NAJT123300HJOFA	4610	3526.4	2932.8	1903	1091.8	437.1	301.5	168.4
JTT12V4800	NAJT124800HJOFA	6146.7	5149.6	4282.7	2917.9	1674.1	670.3	462.3	258.3

**1.75 V/C – Discharge in W/block at 25°**

Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	1080	749	580	342	194	77.3	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	74.0
JTT12V2110	NAJT122110HJOFA	3540	2490	1960	1180	674	267	183	102
JTT12V2640	NAJT122640HJOFA	4260	3050	2450	1580	899	356	244	136
JTT12V3300	NAJT123300HJOFA	5335	3819.9	3068.1	1975.7	1124.4	445.9	306	171
JTT12V4800	NAJT124800HJOFA	7113.3	5578.2	4480.4	3029.3	1724	683.8	469.2	262.2

**1.70 V/C – Discharge in W/block at 25°**

Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	1150	776	598	350	198	77.9	53.3	29.7
JTT12V790	NAJT120790HJOFA	1460	985	759	444	251	98.9	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	74.4
JTT12V2110	NAJT122110HJOFA	3770	2580	2020	1210	686	269	184	103
JTT12V2640	NAJT122640HJOFA	4530	3160	2530	1610	915	359	246	137
JTT12V3300	NAJT123300HJOFA	5668.3	3957.9	3162.5	2020.7	1144.7	450.0	307.7	171.9
JTT12V4800	NAJT124800HJOFA	7557.7	5779.8	4618.3	3098.3	1755.2	690	471.8	263.5

**1.65 V/C – Discharge in W/block at 25°**

Type	Part number	5min	10min	15min	30min	1h	3h	5h	10h
JTT12V620	NAJT120620HJOFA	1200	795	611	355	200	78.5	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	74.6
JTT12V2110	NAJT122110HJOFA	3930	2640	2070	1220	695	271	185	103
JTT12V2640	NAJT122640HJOFA	4730	3240	2580	1630	926	362	247	137
JTT12V3300	NAJT123300HJOFA	5923.3	4052.6	3235.3	2048.7	1158.4	453.2	308.8	172.3
JTT12V4800	NAJT124800HJOFA	7897.7	5918.1	4724.5	3141.1	1776.3	694.9	473.5	264.2

**1.60 V/C – Discharge in W/block at 25°**

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	74.6
JTT12V2110	NAJT122110HJOFA	4070	2690	2110	1240	702	273	185	103
JTT12V2640	NAJT122640HJOFA	4890	3300	2640	1650	936	364	247	137
JTT12V3300	NAJT123300HJOFA	6120	4134	3300	2070	1170	455.8	309.6	172.3
JTT12V4800	NAJT124800HJOFA	8160	6037	4819	3174	1794	698.9	474.8	264.2