



Overview of Charging Characteristics BJ118B2

No.	Battery voltage	Battery capacity	l ₁	U ₁	l ₂	U2	TI _{1 max}	TU _{1 max}	TU₃	Note
0	12 V	Power Supply	100 A	14.4 V	3,6 A					
1	12 V	Power Supply	90 A	14.4 V	4,8 A					
2	12 V	Power Supply	80 A	14.4 V	6,6 A					
3	12 V	Power Supply	70 A	14.4 V	8,8 A					
4	12 V	Power Supply	60 A	14.4 V	11 A	-				
5	12 V	Power Supply	50 A	14.4 V	1,8 A					
6	12 V	Power Supply	40 A	14.4 V	2,4 A					
7	12 V	Power Supply	30 A	14.4 V	3,4 A					
8	12 V	300 Ah 1000 Ah	60 A	2.35 V		100 A	10 h	11 h	∞	
9	12 V	270 Ah 900 Ah	60 A	2.35 V		90 A	10 h	11 h	∞	
Α	12 V	240 Ah 800 Ah	50 A	2.35 V		80 A	10 h	11 h	∞	
В	12 V	210 Ah 700 Ah	60 A	2.35 V		70 A	10 h	11 h	∞	
С	12 V	180 Ah 600 Ah	60 A	2.35 V		60 A	10 h	11 h	∞	
D	12 V	150 Ah 500 Ah	60 A	2.35 V		50 A	10 h	11 h	∞	
Ε	12 V	90 Ah 400 Ah	60 A	2.35 V		40 A	10 h	11 h	∞	
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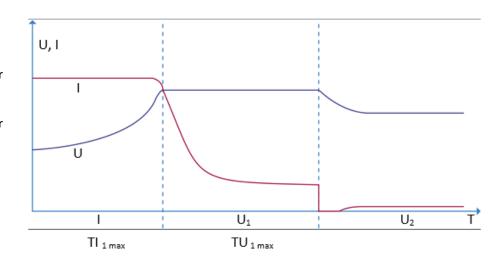
FVLA: open lead-acid batteries, batteries with water refill

VRLA: Valve-regulated lead-acid batteries, maintenance-free wet batteries

VRLA*: Gel batteries, AGM

Description

- 1. If a temperature sensor (CTS/TS) is connected and the battery temperature is higher than 45°C, the charging current is reduced to 50%. Only when the battery temperature falls below 40°C again does the charging capacity increase to 100%.
- 2. If a temperature sensor (CTS/TS) is connected and the battery temperature is higher than 50°C, the charger switches off until the battery temperature is below 45°C.
- 3. If a temperature sensor (CTS/TS) is connected, the output voltage will be increased by 21 mV per degree if the battery temperature is below 25°C and decreased if the battery temperature is above 25°C.
- 4. If the time $TI_{1 max}$ is exceeded, the charger switches off and the red LED flashes.
- 5. If the time TU_{1 max} is exceeded, the next charging phase begins automatically.



Charging characteristic data sheet

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