

ПРИЛОЖЕНИЕ II: ПАРАМЕТРЫ ЗАРЯДКИ СЕРИИ EVF
Table 1 - Parameters for Pre-charge Stage

Battery Model	Voltage Range: $V_1 - V_2$ (V per Block)	Constant Current: $I_0 \sim I_1$ (A)	Pre-Charge Time: S_1 (h)	Temperature Compensation (V/°C)
3-EVF-180A	3.0V - 6.0V	3.1A - 18.0A	$\leq 0.5h$	
3-EVF-200A / 3-EVF-200T				
4-EVF-150A/4-EVF-150	4.0V - 8.0V	2.2A - 14.0A		
6-EVF-60	6.0V - 12.0V	2.0A - 6.0A		
6-EVF-70T	6.0V - 12.0V	2.0A - 7.0A		
6-EVF-80	6.0V - 12.0V	2.0A - 8.0A		
6-EVF-100A / 6-EVF-100T	6.0V - 12.0V	2.5A - 10.0A		
6-EVF-110T	6.0V - 12.0V	2.5A - 11.0A		
6-EVF-120	6.0V - 12.0V	2.5A - 12.0A		
6-EVF-150A / 6-EVF-150T	6.0V - 12.0V	2.5A - 15.0A		

Table 2 - Parameters for Constant Current Charge Stage

Battery Model	Voltage Range: V_3 (V per Block)	Constant Current: I_2 (A)	Charge Time: S_2 (h)	Temperature Compensation (V/°C)
3-EVF-180A	7.2V	30.0A	$\leq 6h$	
3-EVF-200A / 3-EVF-200T				
4-EVF-150A/4-EVF-150	9.6V	25.0A		-0.016
6-EVF-60	14.4V	10.0A		-0.024
6-EVF-70T	14.4V	12.0A		-0.024
6-EVF-80	14.4V	14.0A		-0.024
6-EVF-100A / 6-EVF-100T	14.4V	15.0A		-0.024
6-EVF-110T	14.4V	20.0A		-0.024
6-EVF-120	14.4V	20.0A		-0.024
6-EVF-150A / 6-EVF-150T	14.4V	25.0A		-0.024

Table 3 - Parameters for Constant Current Charge Stage

Battery Model	Voltage Range: V_4 (V per Block)	Constant Current: I_3 (A)	Charge Time: S_3 (h)	Temperature Compensation (V/°C)
3-EVF-180A	7.35V	30.0A	$\leq 2h$	
3-EVF-200A / 3-EVF-200T				
4-EVF-150A/4-EVF-150	9.80V	25.0A		-0.016
6-EVF-60	14.70V	10.0A		-0.024
6-EVF-70T	14.70V	12.0A		-0.024
6-EVF-80	14.70V	14.0A		-0.024
6-EVF-100A / 6-EVF-100T	14.70V	15.0A		-0.024
6-EVF-110T	14.70V	20.0A		-0.024
6-EVF-120	14.70V	20.0A		-0.024
6-EVF-150A / 6-EVF-150T	14.70V	25.0A		-0.024

Table 4 - Parameters for Constant Voltage Limited Current Charge Stage

Battery Model	Voltage Range: V_4 (V per Block)	Limited Current: I_4 (A)	Charge Time: S_4 (h)	Temperature Compensation (V/°C)
3-EVF-180A	7.35V	10.0A - 3.2A	$\leq 2h$	
3-EVF-200A / 3-EVF-200T				10.0A - 3.6A
4-EVF-150A/4-EVF-150	9.80V	7.5A - 2.7A		-0.016
6-EVF-60	14.70V	3.0A - 1.1A		-0.024
6-EVF-70T	14.70V	3.5A - 1.3A		-0.024
6-EVF-80	14.70V	4.0A - 1.5A		-0.024
6-EVF-100A / 6-EVF-100T	14.70V	5.0A - 1.8A		-0.024
6-EVF-110T	14.70V	6.0A - 2.0A		-0.024
6-EVF-120	14.70V	6.0A - 2.2A		-0.024
6-EVF-150A / 6-EVF-150T	14.70V	7.5A - 2.7A		-0.024

Table 5 - Parameters for Trickle Charge Stage

Battery Model	Voltage Range: V_5 (V per Block)	Limited Current: I_5 (A)	Charge Time: S_5 (h)	Temperature Compensation (V/°C)
3-EVF-180A	8.01V	1.8A	$\leq 2h$	
3-EVF-200A / 3-EVF-200T				2.0A
4-EVF-150A/4-EVF-150	10.68V	1.5A		-0.016
6-EVF-60	16.02V	0.6A		-0.024
6-EVF-70T	16.02V	0.7A		-0.024
6-EVF-80	16.02V	0.8A		-0.024
6-EVF-100A / 6-EVF-100T	16.02V	1.0A		-0.024
6-EVF-110T	16.02V	1.1A		-0.024
6-EVF-120	16.02V	1.2A		-0.024
6-EVF-150A / 6-EVF-150T	16.02V	1.5A		-0.024

Table 6 - Parameters for Float Charge Stage

Battery Model	Voltage Range: V_6 (V per Block)	Limited Current: I_6 (A)	Charge Time: S_6 (h)	Temperature Compensation (V/°C)
3-EVF-180A	6.9V	1.8A	$\leq 4h$	
3-EVF-200A / 3-EVF-200T				2.0A
4-EVF-150A/4-EVF-150	9.2V	1.5A		-0.016
6-EVF-60	13.8V	0.6A		-0.024
6-EVF-70T	13.8V	0.7A		-0.024
6-EVF-80	13.8V	0.8A		-0.024
6-EVF-100A / 6-EVF-100T	13.8V	1.0A		-0.024
6-EVF-110T	13.8V	1.1A		-0.024
6-EVF-120	13.8V	1.2A		-0.024
6-EVF-150A / 6-EVF-150T	13.8V	1.5A		-0.024