

TAO EMS Triggers worksheet

Factory defaults

Version: 2.01

Trigger	Description	Unit	Type	On	Off	Led				Relay output						Delay		
						H2	H1	L1	L2	1	2	3	4	5	6			
1	High voltage shutdown	VOLT	High	3.650 V	3.400 V	●									4	5	6	300 s
2	High voltage warning	VOLT	High	3.550 V	3.400 V		●										5	60 s
3	Low voltage warning	VOLT	Low	2.950 V	3.150 V			●							4			60 s
4	Low voltage shutdown	VOLT	Low	2.850 V	3.150 V				●						4	5	6	300 s
5	Voltage unbalance	VOLT	Diff	0.100 V	0.050 V		●	●										
6	High temperature shutdown	TEMP	High	45 °C	35 °C	*									4	5	6	300 s
7	High temperature warning	TEMP	High	40 °C	35 °C		*											
8	Low temperature warning	TEMP	Low	5 °C	8 °C			*										
9	Low temperature shutdown	TEMP	Low	0 °C	8 °C				*							5		60 s
10	Temperature unbalance	TEMP	Diff	4 °C	2 °C		*	*										
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

Relay out	Function	NO	NC	AD	Triggers																			
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Pre-charge	✓		no																				
2		✓		no																				
3		✓		no																				
4	Loads	✓		yes	✓		✓	✓		✓														
5	Chargers	✓		yes	✓	✓		✓		✓			✓											
6	Battery	✓		yes	✓			✓		✓														

Leds	
●	On
*	Blink

AD: activated by default in EMS parameters