

Event ID	Description	Lcd code			
Fault(Address: 41, Fault bit)					
5101	Fan lock	01	fan failure		对应位
5102	Over Temperature	02	Overheating inside the inverter		
5103	Bat Voltage High	03	battery overvoltage		
5104	Battery low	04	battery undervoltage		
5105	Output short	05	output short circuit		
5106	Output voltage high	06	output overvoltage		
5107	Over Load	07	output overload		
5108	Bus voltage high	08	Bus Voltage too high		
5109	Bus start fail	09	Bus Soft start failed		
		10			
5111	main relay fail	11	The main relay is damaged		
5151	Over current	51	Over current		
5152	Bus voltage low	52	Bus Voltage too low		
5153	Inverter softstart fail	53	Inverter Soft Start failed		
5154	DC voltage high	54	DC overvoltage		
		55			
5156	Battery open	56	Battery Disconnect		
5157	Currenrt sensor fail	57	Current detection failed		
5158	Output voltage low	58	output undervoltage		
5160	negative Power	60	load negative work		
5161	PV voltage is too high	61	PV overvoltage		
5162	Internal SCI com fail	62	Internal serial communication failed		
5163	IGBT Over current	63	IGBT overcurrent		
5164	Version different	64	Inconsistent versions		
5180	Can fault	80	Parallel communication lost		
5181	Host loss	81	Parallel host lost		
Warning[Address: 42(Warning bit) && 43(uwWarnBit_H)]					
5000	Fan lock warning	01	Fan Damage	0x0001(42)	1
5001	Over charge	03	battery overcharge	0x0002(42)	2
5002	Battery voltage low	04	battery low voltage	0x0004(42)	3

5003	Over load	07	output overload	0x0008(42)	4
5004	Op power derating	10	Output load derating	0x0010(42)	5
5005	Solar stop due to bat low	12	Battery low voltage PV stops charging	0x0020(42)	6
5006	Solar stop due to Pv high	13	PV overvoltage PV stops charging	0x0040(42)	7
5007	solar stop due to over load	14	PV overload PV stops charging	0x0080(42)	8
5008	Grid different	15	Parallel mains input inconsistent	0x0100(42)	9
5009	Grid phase error	16	Parallel input phase sequence error	0x0200(42)	10
5010	Op phase loss	17	Parallel output phase loss	0x0400(42)	11
5011	Over temperture	02	internal overheating	0x0800(42)	12
5012	buck over current	18	Buck overcurrent	0x1000(42)	13
5013	bat open	19	battery disconnect	0x2000(42)	14
5014	BMS com error	20	BMS communication failure	0x4000(42)	15
5015	Pv Power insuff	21	Insufficient PV power	0x8000(42)	16
5016	No battery no parallel	22	No parallel operation without battery	0x0001(43)	1
5017	Parallel version different	23	Different versions cannot be paralleled	0x0002(43)	2
				0x0004(43)	3
5019	Capacity different	25	Inconsistent capacities cannot be paralleled	0x0008(43)	4
5020	Host loss	81	host lost	0x0010(43)	5
5021	BmsCellOverVolt	34	Lithium battery cell overvoltage	0x0020(43)	6
5022	BmsTotalOverVolt	36	Lithium battery overall overvoltage	0x0040(43)	7
5023	BmsDischgOverCurr	38	Lithium battery discharge current is too large	0x0080(43)	8
5024	BmsChgOverCurr	39	Lithium battery charging current is too high	0x0100(43)	9
5025	BmsOverTemp	43	Lithium battery internal overheating	0x0200(43)	10
5026	Battery voltage consistent fail	63	The battery voltage is inconsistent	0x0400(43)	11

5027	Pv ISO Fail	26	PV insulation resistance is too low	0x0800(43)	12
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[\[a1\]](#)2022.03.11 增加版本不一致错误，用于区分 ETL 功能不一致时，不准进行 ETL 检测；