



Status Codes for Veefil-RT

Status Code List

DOC.011

Version: 1

4 February 2019

Purpose

The purpose of this document is to list all the status codes for the Veefil-RT, their meanings and any corrective action required.

State Description

State	Meaning
Informational	Charging process is not affected
Recoverable	Charger will auto recover without intervention
Non- Recoverable	Intervention required to resume charging
Out of Service	Charging is not possible

Status Code	Description	Module	State Description	Action Sequence
0	No error		Informational	Charger is operational and ready for service
1	Problem with the 1-phase grid supply (less than 90VAC)	General	Non Recoverable (transition to Out of Service)	Status will clear automatically 1. Wait for power supply to return correct voltage / frequency. 2. Contact Tritium if the status persists
2	3-phase precharge contactor has failed to close	General	Non Recoverable (transition to Out of Service)	1. Send OCPP hard reset 2. De-energize and energize single and three phase supply 3. Contact Tritium if the status persists
3	Charger has failed to precharge the 3-phase system in time	General	Non Recoverable (transition to Out of Service)	1. Send OCPP hard reset 2. De-energize and energize single and three phase supply 3. Contact Tritium if the status persists
4	3-phase AC main contactor has failed to close	General	Non Recoverable (transition to Out of Service)	1. Send OCPP hard reset 2. De-energize and energize single and three phase supply 3. Contact Tritium if the status persists
5	No initial communication with vehicle established	CHAdMO	Non Recoverable	1. Request customer to check the car is off. 2. Request customer to return plug to holster and try again. 3. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
6	Vehicle battery voltage is above its own maximum battery voltage	CHAdEMO	Non Recoverable	Possible Incompatibility 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
7	Vehicle battery voltage is above the chargers maximum output voltage	CHAdEMO	Non Recoverable	Possible Incompatibility 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
8	A high voltage has been detected on the charging cable, possible vehicle fault	CHAdEMO	Non Recoverable	1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
9	The high voltage insulation test of the charge cable has failed (before power delivery)	CHAdEMO	Non Recoverable	1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
10	The charging connector has failed to lock or has been forced unlocked	CHAdEMO	Non Recoverable	1. Request customer to return plug to holster and try again. 2. Inspect plug for damage 3. Contact Tritium if plug is damaged
11	Vehicle has failed to connect its battery pack in time	CHAdEMO	Non Recoverable	Possible Incompatibility 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
12	Inverter communication fault	General	Non Recoverable	1. Request customer to return plug to holster. 2. Send OCPP hard reset. 3. Contact Tritium if the status persists
13	Vehicle has failed to request a charge current within the time limit	CHAdEMO	Non Recoverable	1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
14	Emergency Stop button pressed	General	Non Recoverable	1. Request customer to return plug to holster. 2. Request customer reset E-Stop button, status should clear 3. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
15	Vehicle has set one of its error flags	CHAdEMO	Non Recoverable	<p>Possible Vehicle Fault</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
16	An isolation fault has been detected on output	CHAdEMO	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. <p>** If this occurs more than 3 times in succession, indicates possible danger to operator **</p> <ol style="list-style-type: none"> 2. Request customer to return plug to holster and send OCPP Out of Service. 3. Inspect cable and plug for damage 4. Contact Tritium if cable or plug is damaged, or status re occurs
17	Charger inverter fault detected	General	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Send OCPP hard reset 3. De-energize and energize three phase supply 4. Contact Tritium if the status persists
19	Charger forced disconnection from the vehicle	CHAdEMO	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
20	Vehicle current request is higher than maximum allowed current	CHAdEMO	Non Recoverable	<p>Possible Incompatibility</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
21	Communication with vehicle has failed	CHAdEMO	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists
22	No charge request from car after initialisation	CHAdEMO	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to check the car is off. 2. Request customer to return plug to holster and try again. 3. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
24	3-phase control module is not ready	General	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Send OCPP hard reset 3. De-energize and energize single and three phase supply 4. Contact Tritium if the status persists
25	DC output contactor fault	General	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Send OCPP hard reset 3. De-energize and energize single and three phase supply 4. Contact Tritium if the status persists
26	Front Display Panel communications fault	General	Non Recoverable (transition to Out of Service)	<p>May receive this status when firmware is updating</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Contact Tritium if the status persists
28	Inverter communications fault	CHAdEMO	Non Recoverable (transition to Out of Service)	<p>May receive this status when firmware updating</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Send OCPP hard reset 3. De-energize and energize single and three phase supply 4. Contact Tritium if the status persists
29	Problem encountered connecting with the 3-phase grid supply	General	Non Recoverable	<ol style="list-style-type: none"> 1. Wait for power supply to return correct voltage / frequency. 2. Contact Tritium if the status persists
30	Charger inverter fault failed to clear	General	Non Recoverable (transition to Out of Service)	<p>Non-Auto clearing status</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Send OCPP hard reset 3. De-energize and energize single and three phase supply 4. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
31	Inverter communications fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Contact Tritium if the status persists
32	Charger inverter fault detected	CCS	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Send OCPP hard reset 3. De-energize and energize three phase supply 4. Contact Tritium if the status persists
35	Problem with the 1-phase grid supply (less than 90VAC)	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Wait for power supply to return correct voltage / frequency. 2. Contact Tritium if the status persists
36	Problem with the 3-phase grid supply (switch gear state)	General	Out of Service	<ol style="list-style-type: none"> 1. Open service hatch 2. Close three phase breaker 3. Close service hatch 4. Contact Tritium if the status persists
37	Problem with the 3-phase grid supply (voltage or frequency)	General	Non Recoverable	<ol style="list-style-type: none"> 1. Wait for power supply to return correct voltage / frequency. 2. Open service hatch and check three phase breaker 3. Contact Tritium if the status persists
38	Problem with the 3-phase grid supply (switch gear state)	General	Out of Service	<ol style="list-style-type: none"> 1. Open service hatch 2. Close three phase breaker 3. Close service hatch 4. Contact Tritium if the status persists
39	Problem with the 3-phase grid supply (voltage or frequency)	General	Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Wait for power supply to return correct voltage / frequency. 2. Open service hatch and check three phase breaker 3. Contact Tritium if the status persists
40	The operator has set the charger to 'Not In Service'	General	Non Recoverable	<ol style="list-style-type: none"> 1. Send OCPP "in service" request 2. Request OCPP soft reset if does not update
41	max allowable CCS control loop session restarts exceeded	General	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. 2. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
49	Charger detected pilot voltage fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
50	Vehicle detected pilot voltage fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
51	Proximity state fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
52	Connector plug greater than 105 degrees Celsius	CCS	Out of Service	<p>Warning: Pins in the plug are hot.</p> <ol style="list-style-type: none"> 1. Wait 5 minutes for connectors to cool. 2. Request customer to return plug to holster and send OCPP Out of Service 3. Inspect plug for damage 4. Contact Tritium if plug is damaged
53	Isolation fault during charge cable check	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. <p>** If this occurs more than 3 times in succession, indicates possible danger to operator **</p> <ol style="list-style-type: none"> 2. Request customer to return plug to holster and send OCPP Out of Service. 3. Inspect cable and plug for damage 4. Contact Tritium if cable or plug is damaged, or status reoccurs
54	Isolation Fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. <p>** If this occurs more than 3 times in succession, indicates possible danger to operator **</p> <ol style="list-style-type: none"> 2. Request customer to return plug to holster and send OCPP Out of Service. 3. Inspect cable and plug for damage 4. Contact Tritium if cable or plug is damaged, or status reoccurs

Status Code	Description	Module	State Description	Action Sequence
55	Isolation Fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. ** If this occurs more than 3 times in succession, indicates possible danger to operator ** 2. Request customer to return plug to holster and send OCPP Out of Service. 3. Inspect cable and plug for damage 4. Contact Tritium if cable or plug is damaged, or status reoccurs
56	Charger PLC Modem fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Request OCPP hard reset 3. Contact Tritium if the status persists
57	Vehicle PLC Modem fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
58	Communication setup timeout	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
59	Isolation / cable check timeout	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
60	Vehicle precharge failed	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
61	Vehicle communication timeout	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
62	Communication setup timeout	CCS	Non Recoverable	<p>OCPP server took to long to respond after cable was plugged into vehicle.</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
63	Pre-charge session setup timeout	CCS	Non Recoverable	Driver took too long to authorize after plugging into vehicle. 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
64	Vehicle communication error	CCS	Non Recoverable	1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
65	Vehicle and charger are NOT compatible	CCS	Non Recoverable	V2G not compatible. 1. Request customer to return plug to holster
66	Vehicle and charger are NOT compatible	CCS	Non Recoverable	V2G not compatible. 1. Request customer to return plug to holster
67	Vehicle and charger are NOT compatible	CCS	Non Recoverable	V2G not compatible. 1. Request customer to return plug to holster
68	Vehicle and charger are NOT compatible	CCS	Non Recoverable	V2G not compatible. 1. Request customer to return plug to holster
69	Vehicle and charger are NOT compatible	CCS	Non Recoverable	V2G not compatible. 1. Request customer to return plug to holster
70	Vehicle and charger are NOT compatible	CCS	Non Recoverable	V2G not compatible. 1. Request customer to return plug to holster
71	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
72	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
73	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
74	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
75	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
76	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
77	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
78	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
79	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
80	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
81	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
82	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
83	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
84	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
85	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
86	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
87	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
88	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
89	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
90	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
91	Internal charger communication fault	CCS	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
92	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
93	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
94	Internal charger communication time out	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
95	Internal charger communication time out	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
96	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
97	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
98	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
99	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
100	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
101	Internal charger communication fault	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
108	Control pilot error with vehicle	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
110	The vehicle battery is already at 100%. State of Charge when a new charge is attempted	CCS	Non Recoverable	<p>Car is full.</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster.
111	The vehicle has requested a precharge voltage before the charger is ready	CCS	Recoverable (transition to Non Recoverable)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
113	Charger derating has reached minimum power threshold	CCS	Non Recoverable	<p>Car charging rate is too low.</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster.
114	CCS type 1 connector may not be correctly inserted into vehicle	CCS	Non Recoverable (transition to Out of Service)	<p>Plug safety lock not engaged.</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Inspect CCS plug for damage to the safety lock 3. Contact Tritium if the status persists
115	PLC modem configuration time out	CCS	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
120	DC voltage problem in charger	CHAdeMO	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
121	3-phase grid connection process timed out	CHAdeMO	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
122	Vehicle has incorrectly cleared charge enable flags to stop a charge	CHAdeMO	Non Recoverable	<p>Possible vehicle fault</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
123	Vehicle battery voltage is higher than its max specified	CHAdEMO	Non Recoverable	Possible vehicle fault 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
124	Vehicle connector voltage too high post charge	CHAdEMO	Out of Service	Warning: Vehicle has not disconnected the battery; safety lock will remain engaged until the vehicle disconnects. 1. Contact Vehicle Manufacturer
125	3-phase contactor drive fault	General	Non Recoverable (transition to Out of Service)	1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
126	Cooling system drive fault	General	Out of Service	1. Request customer to return plug to holster and send OCPP Out of Service, contact Tritium
127	Output DC contactor drive fault	General	Non Recoverable	1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
128	CHAdEMO connector lock fault	General	Non Recoverable	1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
129	Inverter supply fault	General	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
130	Precharge contactor fault	General	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
131	Main Circuit breaker fault	General	Non Recoverable	1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
132	CHAdemo DC contactor fault	General	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
133	CCS DC contactor fault	General	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
135	System too cold or temperature sensor fault	Cooling System Module	Out of Service	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Send OCPP Out of Service and contact Tritium if status persists
136	System overheated	Cooling System Module	Out of Service	<ol style="list-style-type: none"> 1. Request customer to return plug to holster. 2. Send OCPP "Out of Service" 3. Wait 15 minutes 4. Send OCPP "In Service" 5. Contact Tritium if status persists
137	System overheated (thermal loop)	Cooling System Module	Out of Service	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP "Out of Service" 3. Contact Tritium
138	Temperature sensor communications fault	Cooling System Module	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
139	Radiator fan fault	Cooling System Module	Out of Service	<ol style="list-style-type: none"> 1. Send OCPP Out of Service 2. Check the fan is connected 3. Contact Tritium if the status persists
140	Radiator fan fault	Cooling System Module	Out of Service	<ol style="list-style-type: none"> 1. Send OCPP Out of Service 2. Check the fan is not obstructed 3. Contact Tritium if the status persists
147	Main computer communications fault	General	Informational	Temporary timeout condition.

Status Code	Description	Module	State Description	Action Sequence
148	Output voltage cross-check error	General	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
149	Output voltage cross-check error	General	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
150	AC charge controller communications fault	AC charging	Out of Service	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP Out of service, contact Tritium.
151	Charger detected pilot voltage fault	AC charging	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
152	Vehicle detected pilot voltage fault	AC charging	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
155	Vehicle communications timed out	AC charging	Non Recoverable (transition to Out of Service)	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
156	The idle maximum current limit has been exceeded	AC charging	Non Recoverable (transition to Out of Service)	<p>Non-auto clearing status</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
157	The duty cycle defined maximum current limit has been exceeded while charging	AC charging	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
158	Charger communications fault	AC charging	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists

Status Code	Description	Module	State Description	Action Sequence
160	Main circuit breaker in undefined state.	AC charging	Non Recoverable	1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
161	3-phase RCD Tripped	AC charging	Out of Service	1. Open service hatch 2. Close three phase breaker 3. Close service hatch 4. Contact Tritium if the status persists
162	3-phase main circuit breaker tripped	AC charging	Out of Service	1. Open service hatch 2. Close three phase breaker 3. Close service hatch 4. Contact Tritium if the status persists
163	Problem with the 3-phase grid supply (PhA Voltage)	AC charging	Recoverable (transition to Out of Service)	1. Wait for power supply to return correct voltage / frequency 2. De-energize and energize single and three phase breaker 3. Contact Tritium if the status persists
164	Problem with the 3-phase grid supply (PhB Voltage)	AC charging	Recoverable (transition to Out of Service)	1. Wait for power supply to return correct voltage / frequency 2. De-energize and energize single and three phase breaker 3. Contact Tritium if the status persists
165	Problem with the 3-phase grid supply (PhC Voltage)	AC charging	Recoverable (transition to Out of Service)	1. Wait for power supply to return correct voltage / frequency 2. De-energize and energize single and three phase breaker 3. Contact Tritium if the status persists
166	Problem with the 3-phase grid supply (Voltage)	AC charging	Recoverable (transition to Out of Service)	1. Wait for power supply to return correct voltage / frequency 2. De-energize and energize single and three phase breaker 3. Contact Tritium if the status persists
167	3-phase main circuit breaker fault	AC charging	Out of Service	1. Contact Tritium
168	12V supply fault	AC charging	Out of Service	1. Contact Tritium

Status Code	Description	Module	State Description	Action Sequence
169	DC charge system SML meter timeout	AC charging	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
170	AC charge system SML meter timeout	AC charging	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster 2. Send OCPP hard reset 3. Request customer to try again 4. Contact Tritium if the status persists
171	DC charging system forced lock out	AC charging	Non Recoverable	<ol style="list-style-type: none"> 1. Send OCPP in service request 2. Request OCPP soft reset if does not update
172	DC charging system forced lock out	AC charging	Non Recoverable	<ol style="list-style-type: none"> 1. Send OCPP in service request 2. Request OCPP soft reset if does not update
173	The AC socket lock calibration has failed		Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again 2. Contact Tritium if the status persists
187	Charge control unit fault	General	Out of Service	<ol style="list-style-type: none"> 1. Contact Tritium
188	Emergency Stop button pressed – No circuit breaker Trip fired (Soft E-Stop)	General	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster. 2. Request customer turn E-Stop button until it pops out, status should clear 3. Contact Tritium if the status persists
189	Charger inverter fault detected during cable insulation check (before power delivery)	General	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again. ** If this occurs more than 3 times in succession, indicates possible danger to operator ** 2. Request customer to return plug to holster and send OCPP Out of Service. 3. Inspect cable and plug for damage 4. Contact Tritium if cable or plug is damaged, or status re occurs
190	Charger derating has reached minimum power threshold	General	Non Recoverable	<p>Car charging rate is too low.</p> <ol style="list-style-type: none"> 1. Request customer to return plug to holster.
193	Main Computer rebooting	General	Recoverable	<ol style="list-style-type: none"> 1. Temporary timeout condition.
194	Vehicle terminated	CHAdemo	Non Recoverable	<ol style="list-style-type: none"> 1. Request customer to return plug to holster and try again

Status Code	Description	Module	State Description	Action Sequence
	session, possibly full			2. Contact Tritium if the status persists
195	Charger rebooting - Request from user input	General	Recoverable	1. Temporary timeout condition.

Revision record

Revision	Date	Change
1	4 February 2019	Placed in Word document using the company format. (L. Smith)