

PTE20N (20版CE)手柄故障代码表 (CURTIS系统, 1226BL) PTE20N (20 CE Edition) Handle Fault Code Table (CURTIS SYSTEM, 1226BL)						
序号 No.	手柄故障代码 Handle Fault Code	故障名称 Fault Name	中文故障描述 Fault Description in Chinese	故障描述 Fault Description	故障来源 Fault Source	备注 Note
1	0	Mode fault	手柄龟速按钮故障，龟速按钮在开机前就检测到闭合。 The handle turtle speed button is faulty, and the turtle speed button is detected closed before it is turned on.		手柄Handle	
2	1	Lift fault	上升按钮故障，上升按钮在开机前就检测到被按下。 The lift switch fails, and the lift switch is detected as being pressed before powering on.		手柄Handle	
3	2	Lower fault	下降按钮故障，下降按钮在开机前就检测到被按下。 The lower switch fails, and the lower switch is detected as being pressed before powering on.		手柄Handle	
4	3	BMS Communication Outage	锂电池通讯超时，1、锂电池BMS损坏。2、锂电池到手柄的通讯线断了。2、手柄的通讯模块损坏。Lithium battery communication timeout, 1. Lithium battery BMS is damaged. 2. The communication line from the lithium battery to the handle is broken. 2. The communication module of the handle is damaged.		手柄Handle	
5	4	throttle_FAULT	输入密码前，加速器不在中位，需要复位加速器才能解除该故障。The accelerator is not in the middle position until the password is entered and the accelerator needs to be reset to resolve the fault. Improper sequence of throttle input.		手柄Handle	
6	5	controller Communication Outage	控制器通讯丢失 Controller communication is lost		手柄Handle	
7	7	Lift system failure	泵站输出连续运行，起升系统故障，有可能是上升微动开关故障 The output of the pumping station is running continuously, and the lifting system fails, which may be the failure of the rising micro switch		手柄Handle	
8	12	SEVERE UNDERVOLTAGE	严重低压	Capacitor bank voltage dropped below the Severe Undervoltage limit	1226BL-4153控制器 1226BL-4153 Controller	
9	12	UNDERVOLTAGE CUTBACK	低压切断	Capacitor bank voltage dropped below the Undervoltage limit with the FET bridge enabled	1226BL-4153控制器 1226BL-4153 Controller	
10	13	SEVERE OVERVOLTAGE	严重过压	Capacitor bank voltage exceeded the Severe Overvoltage limit	1226BL-4153控制器 1226BL-4153 Controller	

11	13	OVERVOLTAGE CUTBACK	过压切断	Capacitor bank voltage exceeded the Overvoltage limit with the FET bridge enabled.	1226BL-4153控制器 1226BL-4153 Controller	
12	14	CONTROLLER OVERTEMP CUTBACK	电控过温切断	Heatsink temperature over +75C	1226BL-4153控制器 1226BL-4153 Controller	
13	14	CONTROLLER SEVERE UNDERTEMP	电控严重低温	Heatsink temperature below - 40C	1226BL-4153控制器 1226BL-4153 Controller	
14	14	CONTROLLER SEVERE OVERTEMP	电控严重过温	Heatsink temperature over +85C	1226BL-4153控制器 1226BL-4153 Controller	
15	15	MOTOR TEMP SENSOR	电机温度传感器故障	Motor thermistor input is at the voltage rail(0 or 10V)	1226BL-4153控制器 1226BL-4153 Controller	
16	15	MOTOR TEMP HOT CUTBACK	电机过热保护	Motor temperature is at or above the Temperature Hot parameter setting	1226BL-4153控制器 1226BL-4153 Controller	
17	21	THROTTLE	加速器故障	Throttle input is out of range	1226BL-4153控制器 1226BL-4153 Controller	
18	21	HPD SEQUENCING	操作顺序有误	HPD(High Pedal Disable) or sequencing fault caused by incorrect sequence of KSI, interlock, direction and throttle inputs	1226BL-4153控制器 1226BL-4153 Controller	
19	22	MAIN CONTACTOR WELDED	主接触器粘连	Just prior to the main contactor closing, the capacitor bank voltage (B+ connection terminal) was loaded for a short time and the voltage did not discharge	1226BL-4153控制器 1226BL-4153 Controller	
20	22	MAIN CONTACTOR DID NOT CLOSE	主接触器未闭合	With the main contactor commanded closed, the capacitor bank voltage (B+ connection terminal) did not charge to B+	1226BL-4153控制器 1226BL-4153 Controller	
21	22	MAIN DRIVER FAULT	主接触器驱动故障	Main Contactor driver is either open or shorted	1226BL-4153控制器 1226BL-4153 Controller	
22	22	PRECHARGE FAILED	预充电故障	Controller failed to precharge	1226BL-4153控制器 1226BL-4153 Controller	
23	23	ENCODER	速度传感器故障	Motor encoder phase failure detected	1226BL-4153控制器 1226BL-4153 Controller	

24	23	STALL DETECTED	电机堵转	No motor encoder movement detected	1226BL-4153控制器 1226BL-4153 Controller	
25	24	MOTOR OPEN	电机开路	Motor phase U,V or W detected open	1226BL-4153控制器 1226BL-4153 Controller	
26	25	EMBRAKE DRIVER FAULT	电磁刹车驱动故障	Electromagnetic brake driver is either open or shorted.	1226BL-4153控制器 1226BL-4153 Controller	
27	31	EM BRAKE FAILED TO SET	电磁刹车故障	After the EM Brake was commanded to set and time has elapsed to allow the brake to fully engage, vehicle movement has been sensed.	1226BL-4153控制器 1226BL-4153 Controller	
28	31	EMER REV TIMEOUT	紧急反向超时	Emergency Reverse was activated and ran until the EMR Timeout timer expired.	1226BL-4153控制器 1226BL-4153 Controller	
29	32	EMER REV HPD	紧急反向后信号未复位	At the conclusion of emergency Reverse, the fault was set because various inputs were not returned to nutral.	1226BL-4153控制器 1226BL-4153 Controller	
30	32	EMR SRO	紧急反向开关上电前闭合	The EMR switches are turned on before KSI	1226BL-4153控制器 1226BL-4153 Controller	
31	33	PUMP DRIVER FAULT	油泵接触器驱动故障	Pump driver is either open or shorted	1226BL-4153控制器 1226BL-4153 Controller	
32	34	PUMP SRO	举升开关上电前闭合	The lift switch is turned on before KSI	1226BL-4153控制器 1226BL-4153 Controller	
33	35	VALVE DRIVER FAULT	阀驱动故障	Valve driver is either open or shorted	1226BL-4153控制器 1226BL-4153 Controller	
34	36	VALVE SRO	下降输入开关上电前闭合	The lower valve input switches are turned on before KSI	1226BL-4153控制器 1226BL-4153 Controller	
35	41	FIVE V SUPPLY FAILURE	5v电源故障	The voltage of internal +5V supply is upper or lower than the threshold voltage The Torrance is +/-10%	1226BL-4153控制器 1226BL-4153 Controller	
36	41	FIFTEEN V SUPPLY FAILURE	15v电源故障	The voltage of internal +15V supply is upper or lower than the threshold voltage The Torrance is +/-10%	1226BL-4153控制器 1226BL-4153 Controller	

37	41	EXTERNAL SUPPLY OUT OF RANGE	电源输出故障	The voltage of external +5V or +14V is either greater than the upper voltage threshold or lower than the lower voltage threshold. The Tolerance is +/-10%	1226BL-4153控制器 1226BL-4153 Controller	
38	42	CAN BUS LOADING	CAN负载过高		1226BL-4153控制器 1226BL-4153 Controller	
39	42	PDO TIMEOUT	CAN通讯超时		1226BL-4153控制器 1226BL-4153 Controller	
40	42	PDO MAPPING ERROR	PDO配置有误		1226BL-4153控制器 1226BL-4153 Controller	
41	43	HW FAILSAFE	硬件故障	The hardware is defeated	1226BL-4153控制器 1226BL-4153 Controller	
42	44	SW FAULT	软件故障	The CRC code of the application is not right	1226BL-4153控制器 1226BL-4153 Controller	
43	45	Interlock SRO FAULT	互锁开关上电前闭合	The interlock was on when the keyswitch was turned on.	1226BL-4153控制器 1226BL-4153 Controller	
44	47	LOW_BDI	电池低电量	电池低电量	1226BL-4153控制器 1226BL-4153 Controller	
45	49	STEERING_SENSOR	转弯传感器故障	转弯传感器故障	1226BL-4153控制器 1226BL-4153 Controller	
46	81	PARAMETER MISMATCH	参数设置有误	When the EMR Input Type is set to type 2, the switch 2 input should be set as disable. Otherwise, the Parameter Mismatch fault is reported	1226BL-4153控制器 1226BL-4153 Controller	
47	81	PARAMETER CHANGE	参数更改故障	Adjustment of a parameter that requires cycling of KSI	1226BL-4153控制器 1226BL-4153 Controller	
48	83	NV FAILURE	存储器故障	Controller operating system tried to write to EEPROM memory and 1226BL Basic Information Rev 1.0 19 failed.	1226BL-4153控制器 1226BL-4153 Controller	
49	84	SUPERVISION	冗余数据有误	Mismatched redundant readings; damaged Supervisor	1226BL-4153控制器 1226BL-4153 Controller	

50	90	Over Voltage	<p>电池电压过高。1、可能是充电器过充电。2、电池BMS存在问题。3、车辆长时间下坡，引起的反馈电流充电引起。The battery voltage is too high. 1. It may be that the charger is overcharged. 2.The battery BMS problem. 3. The vehicle is downhill for a long time, and the feedback current charging is caused.</p>		锂电池 Lithium Battery	
51	91	Over Discharge	<p>电池过放电。1、锂电池长期不用，造成电池电量低。2、使用过度。The battery is overdischarged. 1. The lithium battery is not used for a long time, resulting in low battery power. 2. Overuse.</p>		锂电池 Lithium Battery	
52	92	Communication Outage	<p>电池通讯超时，与控制器通讯超时Battery communication timed out, communication with the controller timed out</p>		锂电池 Lithium Battery	
53	93	Under Voltage	<p>电池电压过低，1、长期存放，没有及时充电。2、电池内部电芯损坏，造成无法充进电量。The battery voltage is too low, 1. Long-term storage, not charged in time. 2. The internal cells of the battery are damaged, resulting in the inability to charge the battery.</p>		锂电池 Lithium Battery	
54	94	Over Current	<p>电池过流，1、使用设备没有按照控制器原先设定的程序运行。2、控制器更换以后，参数不匹配。3、锂电池存在电流检测方面的问题。Battery overcurrent, 1. The use of the device does not run according to the program originally set by the controller. 2. After the controller is replaced, the parameters do not match. 3. Lithium batteries have problems in current detection.</p>		锂电池 Lithium Battery	
55	95	Over Temperature Protect	<p>电池温度严重过高，使用或者运输环境，造成电池内部严重高温。The battery temperature is seriously too high, and the use or transportation environment causes serious high temperature inside the battery.</p>		锂电池 Lithium Battery	
56	96	Temperature Protect	<p>电池温度过高，使用或者运输环境，造成电池内部高温。The battery temperature is too high, and the use or transportation environment causes high temperature inside the battery.</p>		锂电池 Lithium Battery	