Troubleshooting list of common charger faults

When the equipment is out of order, please check the following items. If the problems still continue, please contact the manufacturer.

NO.	Malfunction	Causes	Trouble-shooting
1	Cutout, over-current, undercurrent and overvoltage when operating the equipment	Control circuit: 1. Contactor is loose contacting or is damaged resulting in open circuit 2. Fuse blowing 3. Air switch is damaged resulting in phase-deficient 4. Wiring looses resulting in cutout	1. Checking the contactor and wiring 2. Checking the fuse 3. Checking the air switch 4.Checking the inside wiring situation and fastening 5.Changing the malfunction components
		Control panel part: 1. Flat wire is loose contacting 2. Touch panel malfunctions	1. Re-inserting and re-extracting the flat wire several times or changing the flat wire 2. Changing the touch panel
		Outer part 1. Output circuit disconnection 2. Overvoltage of the battery	1. Checking the wiring 2. Reduce the series battery number
2	Closing the circuit air switch and tripping automatically	1.Using low speed fuse resulting in damaging the SCR of main control panel 2. Air switch is damaged	1. Using the fuse recommended by manufacturer and changing the SCR 2. Changing the air switch
3	Current cannot be adjusted(to the rated value)	1.Voltage of the power is too low 2. SCR mode is damaged	1. Making sure the voltage reaches the rated value 2. Changing the SCR mode
4	Current fluctuates obviously when the current is stable	1. Output DC voltage is too low 2. SCR mode is damaged 3. Current sensor is damaged 4. Circuit is loose contacting	1. Charging battery number not enough 2. Changing SCR mode 3. Changing current sensor 4. Checking and repairing the circuit
5	Abnormal start-up and no any signs when connecting the power	1. Control fuse is damaged 2. Power wire is loose contacting	1. Changing the control fuse 2. Checking the circuit
6	Voltmeter displays 0 when connecting power (charger is connecting the battery)	1. Output fuse is damaged 2.Voltage feedback line is loose contacting	1. changing the output fuse 2. checking the voltage feedback line
7	Fuse blowing	1.Output short out unexpectedly 2. Wiring with electrification 3.Power grid is in outage 4. Voltage of power grid is too low	1. Pay attention to avoid 2. Pay attention to avoid 3. Stop operating before power off 4. Improving the power grid
8	Cooling fun malfunctions	Cooling fun in cabinet gathers much dust and the fun has loud noise when operating	1. Cleaning the dust 2. Changing the fun