

Turbo DX™ 2.0 Plug-In Charger User Guide



SPECIFICATIONS

Turbo DX 2.0 Plug-In Charger	SAE (North America)
Voltage:	120-240 VAC
Maximum current:	32 amps max continuous
Frequency:	50-60 Hz
Power draw at idle:	< 2 watts
During charging:	< 4 watts
Cable length:	Approximately 25 ft (7.6 m)
Weight:	12 lbs (5.5 kg)
Operating temperature:	-40°C (-40°F) to +80°C (176°F)
Storage temperature:	-40°C (-40°F) to +80°C (176°F)
CCID environmental rating:	NEMA Type 4
Ventilation:	Not required

Specifications are subject to change without notice.

A RED TROUBLE Indicator may be triggered by several sources including the charger, the utility service, or the vehicle. See the Troubleshooting tips below.

The RED TROUBLE Indicator turns ON when the charger detects an error, whether it is connected to your vehicle or not. When the RED TROUBLE Indicator is ON, the charger will not deliver power to the vehicle. The error must be corrected before charging begins or resumes.

Charger Mode	Amber Indicator	Blue Indicator	Red Indicator	Explanation	Action
Unpowered	OFF	OFF	OFF	The charger is not powered. If indicators are OFF after plugging the grid plug into the outlet, there may be no power from the outlet.	Confirm the outlet is operational and the circuit breaker is in the ON position. Try using another outlet. Confirm the grid plug is fully inserted. Confirm the plug is not severely degraded. If the error persists, contact Ampure Customer Support.
Charging	OFF	PULSING	OFF	The charger is successfully charging.	No action required.
Standby	OFF	ON	OFF	The charger is powered and ready to charge. The charger is not charging the vehicle.	If you expect the charger to be charging the vehicle, confirm the vehicle coupler is properly inserted into the vehicle. Check and adjust your charging time preferences in sync. If the vehicle is still not charging, contact Ampure Customer Support.
Rebooting	ON	ON	ON	The charger is automatically recovering after encountering an error.	Wait for the charger to return to standby. If the charger cycles for more than 2-3 minutes, unplug the vehicle coupler. Unplug, then reinsert the grid plug. If the issue persists, contact Ampure Customer Support.
Charging reduced	ON	PULSING	OFF	The charger is charging at a reduced rate due to overheating.	Confirm the grid plug and control box are properly connected. Disconnect, then reconnect the grid plug. The charging rate may be reduced under high ambient temperatures or if the control box is in direct sunlight. Should the error persist after the ambient temperature is reduced and the control box is no longer in direct sunlight, contact Ampure Customer Support.

Charger Mode	Amber Indicator	Blue Indicator	Red Indicator	Explanation	Action
Charging reduced (AC plug or wall outlet)	1 FLASH	PULSING	OFF	The charger is charging at a reduced rate due to overheating of the grid plug or the wall outlet.	Confirm the grid plug is properly connected. Disconnect, then reconnect the grid plug. The charging rate may be reduced under high ambient temperatures or if the control box is in direct sunlight. Should the error persist after the ambient temperature is reduced and the control box is no longer in direct sunlight, contact Ampure Customer Support.
User troubleshooting	ON	OFF	OFF	The charger has encountered a fault that requires troubleshooting.	Confirm the grid plug is properly connected. Disconnect, then reconnect the grid plug. The charging rate may be reduced under high ambient temperatures or if the control box is in direct sunlight. Should the error persist after the ambient temperature is reduced and the control box is no longer in direct sunlight, contact Ampure Customer Support.
Non-recoverable fault	OFF	OFF	ON	There is an internal fault in the charger that cannot be recovered.	If the error persists, contact Ampure Customer Support.
Non-recoverable fault (grid plug)	OFF	OFF	1 FLASH	There is an internal fault in the grid plug that cannot be recovered.	Contact Ampure Customer Support for assistance. If your warranty has expired, you can order a replacement from Ampure Customer Support.
Ground leakage fault	OFF	OFF	PULSING	Electrical current is leaking through a potentially unsafe path.	Potential shock hazard – immediately turn OFF the circuit breaker for the outlet within the home. Discontinue use. Contact Ampure Customer Support about obtaining a replacement.