Portable Charger for

Electric Vehicle

User Manual

Borne+®

The Charge cable measures 5M from plug to plug. It is a compact portable EV charging station that is an ideal solution for low-cost charging in your garage or to keep in the truck of your EV for charging at work or on trips. The charger features a control box with LEDs indicating the status of the charge.

Feature

.Charging plug meet IEC 62196 standard,   EV plug TUV

.Control box meet IEC 62196 2010 control principle ,.Excellent protection performance , protection grade IP55-Working condition

Environmental Performance

.Operating temperature:-22°to 122°F

Great Protection

Charge your electric Vehicles charges

With security.

Universal Connector

Standard IEC 62196 connector

any electric vehicles on the road.

Condition	Power		Connection		Charging		Fault		Remark
1	On	●	Off	○	Off	○	Off	○	Have power, no connection
2	On	●	On	●	Off	○	Off	○	Connection, no charging
3	On	●	On	●	Flicker	◉	Off	○	Charging
4	On	●	On	●	On	●	Off	○	Finished charging
5	On	●	On	●	Off	○	On	●	Communcation fault
6	On	●	Flicker	◉	Flicker	◉	Off	○	Overload protection
7	On	●	On	●	Flicker	◉	On	●	Abnormal current(SCP)
8	On	●	Flicker	◉	Flicker	◉	On	●	Leakage protection
9	On	●	Off	○	Off	○	Flicker	◉	Overvoltage or undervoltage protection
10	On	●	On	●	On	●	On	●	Unit overheating protection

Mechanical Properties

.Mechanical life:No-load plug in/pull out > 10000 times

.Impact of external force: can afford 1m drop and 2t vehicle run over pressure

Electric Performance

.Input:240V AC 16A 50-60HZ

.Output:240V AC 16A 50-60HZ

.Output Power: 3.8KW

.Insulation resistance: > 1000 MΩ (DC500V)

.Charging plug terminal temperature rise:<50k

Control Box Function

.Leakage protection (restart recover)

.Over-voltage under-voltage protection (self-checking recover)

.Lightning protection

.**DUOSIDA level 2 charger** has compatibility with all plug-in Evse, including the Chevy Volt, Toyota Prius, Nissan Leaf,Ford Energy, etc.

Charger Cord

Length: 5 meters