# NV Carter 2.4 Charging Station Specification

| Product Name/Model： | NA | Remark |
|---|---|---|
| **Product Picture：** | | |

| | Item | Description | Remark |
|---|---|---|---|
| **Charging Station Specification** | Charging Power | 210W | Rated |
| | Input | 100~240V ~ AC50/60 Hz，2.5A | |
| | Output | 42V，DC5.0A | |
| | Battery | 36V 1033Wh Lithium Battery | |
| | Charging Time | 5±0.5 H | |
| | Charging Temp. | Available 0~40°C (32°F~104°F) <br> Suggested 10~35°C （50°F~95°F) | Charging at suggested temp. can maximize battery life. |
| | IP Rating | IP54 | |
| | Indicator | 6V 2.5W tricolor LED | |
| | Buzzer | 6V，2W | Remind to switch the state |
| | Storage Temp. | Available -20~50°C （-4°F~122°F) <br> Suggested 5~30°C （41°F~86°F) | Storging at limit temp. will not be damaged immediately, but it may reduce product and battery life. <br> Storging at suggested temp. can maximize battery and product |
| | Length × Width × Height | L×W×H: 100 x 300 x 550 mm(3.9 x 11.8 x 21.7 in) | Chassis plate width can be extended |
| | Contact Form | Positive Pressure Type | |
| | Safety Switch | Hall Switch | |
| **Electrode Sheet** | installation Method | Front Hanging Type | |
| | Electrode Sheet Dimension L×W | L×W: 200mm*50mm | Consider compatibility of other RMP product |
| | Safety Progam | Diode | |
| | Packing Dimension L×W×H | XXXXXXXX | |

## Whole design Description

| | Structure Part | Description | Remark |
|---|---|---|---|
| **Mechanical Part** | Shell Material | Welded Aluminium | Matte white spray paint surface |
| | Insulant | POM | Black |
| | Reset Element | Spring | |
| | Force Retention | Magnet | |
| | Base Material | Aluminium Sheet | |

| | Software Function | | Description | Remark |
|---|---|---|---|---|
| **Electric control part** | Display Information | Available | Indicator indicates blue | |
| | | Charging | Indicator indicates green flashing | Rear light has a breathing function |
| | | Full | Indicator indicates green | |
| | | Error | Indicator indicates red | |

| | Packing Assembly Unit | Description | Remark |
|---|---|---|---|
| **Packing Part** | Packing Style | XXXXXXXX | |
| | Box Materials | XXXXXXXX | |
| | Box Pattern | XXXXXXXX | |
| | Packing Dimension | XXXXXXXX | |
| | Packing Buffer | XXXXXXXX | |

| | Environment Reliability | Description | Remark |
|---|---|---|---|
| **Reliability Test Standards (with Test Standards)** | IP Rating Test | IP54 | |
| | High and Low Temperature Cycling Test | Enterprise Standard | |
| | Salt Spray Test | Enterprise Standard | |
| | UV Resistance Test | Enterprise Standard | |
| | **Durable Reliability** | **Description** | **Remark** |
| | Button Switch Fatigue Test | Enterprise Standard | |
| | Elastic Mechanism Service Life | Enterprise Standard | |
| | Mechanical Strength Test of | Enterprise Standard | |

## Certification List

| Product Category | Country & Region | Certification Programs | Add or delete as required |
|---|---|---|---|
| **Whole vehicle** | EU | CE-Safety （Machinery Directive&IEC/EN60335) | |
| | | CE-EMC | |
| | | CE-RF | |
| | | RoHS | |
| | | REACH | |
| | | PoPs | |
| | | WEEE | |
| | | EU Packaging Directive | |
| | North America | UL2272 | |
| | | FCC/IC EMC | |
| | | FCC/IC RF | |
| | | CEC （BC) | |
| | | DOE | |
| | | Cal. 65 | |
| | | TPCH | |
| **Logistics Transportation** | Global | UN38.3 | |
| | | Transportation Appraisal Report | |
| | | Classification Report of Hazard Characteristics | |
| | | SDS/MSDS | |