EXTERNAL COOLING

U10 · U20 · EF1200 · EF1600

Underbody Nozzle System ELEKTIGER · Stage 02 — External cooling



OVERVIEW

Portable nozzles that concentrate suppression on the EV's under-floor battery.

Portable EV fire-suppression equipment that connects to a fire hose and concentrates water on the lower battery section of the vehicle, cooling the battery area. Six models cover focused high-speed spraying and wide-area cooling when fire spreads around the battery.

6	31	Hose
nozzle models	holes, EF 1200-H	connected

FUNCTIONS / FEATURES

06 FEATURES

01

U 10

High-speed spray device with an upward omnidirectional nozzle for focused suppression.

02

U 20

High-speed spray device with two upward omnidirectional nozzles.

03

EF 1200-H

31 holes in 3 directions at wide intervals for suppression and cooling around the battery.

04

EF 1600-H

24 holes in 3 directions at narrow intervals for intensive suppression and cooling.

05

EF 1200-N

5 protruding holes at wide intervals for suppression and cooling around the battery.

06

EF 1600-N

5 protruding holes at narrow intervals; reinforced duralumin for improved ground contact.

Specifications are subject to change without prior notice for product improvement. Values are typical and based on manufacturer and certification test data. · Rev. 2026-10

U10 · U20 · EF1200 · EF1600 Underbody Nozzle System

SPECIFICATION

U10 · U20 · EF1200 · EF1600

SPECIFICATION

Model	U 10	U 20	EF 1200-N / -H	EF 1600-N / -H
Nozzle	1 × upward 180° omnidirectional	2 × upward 180° omnidirectional	N: 5 protruding spray holes, wide spacing · H: 31 holes in 3 directions	N: 5 protruding spray holes, close spacing · H: 24 holes in 3 directions
Size	**600** mm × Ø40	**1,000** mm × Ø40	**60** × **60** × **1,200** mm	**40** × **40** × **1,200** mm (**2,640** mm with extension)
Weight	**5** kg	**8** kg	N **4.2** kg / H **3.9** kg	**5.6** kg (extension **2.3** kg)
Material	Powder-coated steel	Powder-coated steel	2024 duralumin, anodised	2024 duralumin, anodised
Water flow	Up to **180** L/min at **7** kgf/cm²	Up to **180** L/min at **7** kgf/cm²	—	—
Connection	40A fire-hose coupling	40A fire-hose coupling	Direct fit to fire hose (pumper / hydrant)	Direct fit to fire hose (pumper / hydrant)
Additional	Compact; enlarged base for stable ground contact	Detachable pipe/nozzle for storage and fast connection	Square base for ground grip; no case needed	Doubles as a smoke-ventilation (hydro-vent) nozzle

PRODUCT DETAILS

06 VIEWS



01 U 10



02 U 20



03 EF 1200-H



04 EF 1600-H



05 EF 1200-N



06 EF 1600-N

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