



DECLARATION OF CONFORMITY

According to EnWG § 14a (2024)



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According to § 14a of the German Energy Industry Act (EnWG, 2024)

Manufacturer:

Midcosta s.r.o.
Priemysel'na 8E
91701 Trnava
Slovakia

Section 14a of the German Energy Industry Act (EnWG), effective January 1, 2024, introduces new requirements for high-power controllable electrical consumers such as EV chargers, heat pumps, and battery storage systems. These systems must be capable of being temporarily limited to 4.2 kW in the event of grid congestion in low-voltage networks.

The following products from Midcosta – consisting of the hybrid inverters and connected PrimePower battery storage systems – fulfill these requirements and allow reliable participation in grid-side control schemes according to § 14a EnWG.

Applicable Products:

Hybrid Inverters:

- MID-H3K-T
- MID-H4K-T
- MID-H5K-T
- MID-H6K-T
- MID-H8K-T
- MID-H10K-T
- MID-H12K-T
- MID-H10K-T40
- MID-H12K-T40
- MID-H15K-T40
- MID-H20K-T40

Battery Storage Systems:

- MID-HV5
- MID-HV10

The MidTeQ system (hybrid inverter combined with PrimePower battery) includes a communication interface (e.g., Ripple Control Receiver, COM port, RS485 or Ethernet) that allows connection to external certified control devices. These interfaces enable the limitation of charging or discharging power in response to signals from the grid operator. When the network returns to stable conditions, normal operation resumes automatically.

This declaration is issued under the sole responsibility of the manufacturer.

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midcosta s.r.o.

so sídlom Priemyselná 9E, 917 01 Trnava
IČO: 54 614 848, IČ DPH: SK 2121766075

Name: Ľudovít Faguľa

Position: CEO