

Solar Inverter Data Logger



Designed and manufactured by HBeonLabs, the Hbeonlabs DataLogger is a compact and affordable IoT solution tailored for the solar industry. It is capable of connecting to solar inverter via multiple interfaces, enabling seamless data transmission to both local and remote monitoring platforms over Wi-Fi/GSM.

Designed for real-time visibility and control, the HbeonLabs DataLogger supports:

- Data acquisition and reporting on cloud (in India)
- Remote configuration and deployment
- Firmware upgrades over-the-air (OTA)
- Real-time monitoring and control

Whether for residential solar setups or industrial installations, the HbeonLabs datalogger delivers reliable connectivity and intelligent control — empowering smarter, more efficient solar energy management.

Features



Reliable&Stable

- IP64 water-resistant Support
breakpoint resuming



High Compatibility

- Compatible with multiple inverter interfaces
- Built-in twin architecture for fast customization and seamless integration



Excellent Performance

- 4G/Wi-Fi 4 enabled for faster, more reliable connectivity
- Encrypted two-way data transmission
IV curve diagnosis and fault recording support



Easy to use

- Rapid data and fault reporting on cloud
- Batch device provisioning enables quick setup of multiple units simultaneously
- Supports both local and remote debugging and diagnostics

Model:-

Hbeon-DL4GU

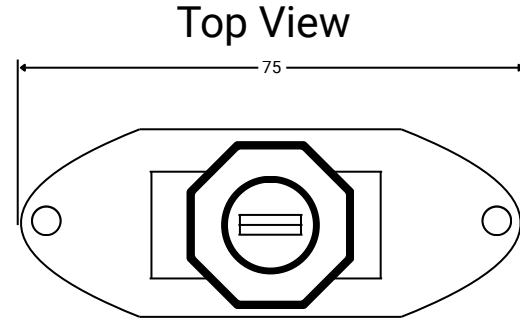
Product Parameter

Communication Parameter

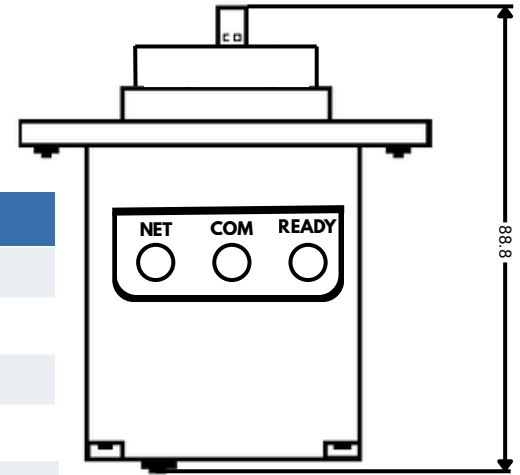
LTE Band	(CN)FDD-LTE: B1/3/5/8, TDD-LTE: B34/39/40/41 (EA)FDD-LTE: B1/3/5/7/8/20/28 (LA)FDD-LTE: B1/2/3/4/5/7/8/28/66
LTE Category	Cat 1
Speed Rate	Max 10 Mbps (DL), Max 5 Mbps (UL)

Hardware Parameter

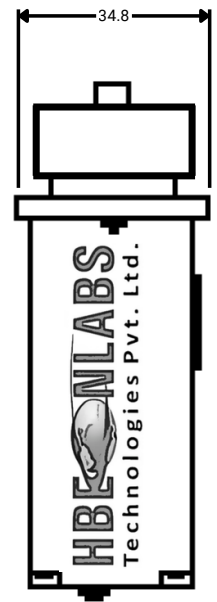
Supply Voltage	3.4 to 4.3 V, Typ.: 3.8 V
Power Consumption	3 W
Flash Memory	4 MB



Front View



Side View



Unit: mm, Accuracy: $\pm 2\%$

Certification Approvals

Made in India

Cloud-based in India

In-house R&D and Cloud Application

HbeonLabs Technologies Pvt. Ltd.

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