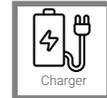


NZO Charging Station



Management System
ISO 9001:2015

www.tuv.com
ID: 9105087029



Overview

- **Input Voltage:** Supports 100 to 230VAC input, compatible with the power systems typically used in mining operations.
- **High Charging Capacity:** Charges up to 4 NZO luminaires simultaneously, providing reliable illumination for mining teams in hazardous environments.
- **Rugged Construction:** Built with durable, impact-resistant materials to withstand the harsh conditions commonly found in mining sites.
- **Efficient Power Management:** Features intelligent charging technology to ensure *safe, optimized charging* for each luminaire, improving reliability and up-time.
- **Overcharge and Safety Protection:** Includes overcharge, over current, and short-circuit protection to safeguard both the luminaires and the charging station, ensuring safety in the mining environment.
- **Status Monitoring:** Equipped with LED indicators for real-time monitoring of charging status, allowing mining operators to easily track power levels and manage equipment readiness.

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Applications



Mining and Surface Areas



Oil and Gas



Industrial



Haulage



ELECTRICAL OPERATING DATA

Charger type	Self regulating Li-Ion charger
Input Voltage input, Frequency	100 - 230VAC +- 10% / 50 or 60Hz
Charger efficiency	>92% at full load
Allowed Operating Temperature	-15° C to +40° C
Electrical and Thermal Protection	Fused protection on incoming phase
Max charging capacity and power	Max 4 x NZO Luminaires, 5V @ 2A each, Maximum 40W

PRODUCT MATERIAL AND INSTALLATION

Housing Material and Finish	ABS Plastic, Grey
Lens and Gasket	Fermapor gasket cemented into groove
Ingress Protection and IK Rating	IP65 / IK08
Mounting and Installation options	Lockable External DB board type with mounting lugs on the back.

Dimensions and Packaging

Model	NZO Charging Station
Dimensions (Length x Width x Height) in mm	650 x 440 x 250
Weight (Unit / Packaged) in kg	13 / 13.2

Miscellaneous

Contact Nordland	T: 010 442 2809	E: Sales@Nordland.co.za	W: https://Nordland-Lighting.com/
Warranty Details	1 Year (Limited)	T's and C's Available from Nordland	W: https://Nordland-Lighting.com/
Free Services Provided	Lighting Audits	Lighting Designs by Accredited Professionals	Lighting Specification Writing and Tender Detail Assistance

52 Fransen street, Chamdor, Krugersdorp, Johannesburg, South Africa

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