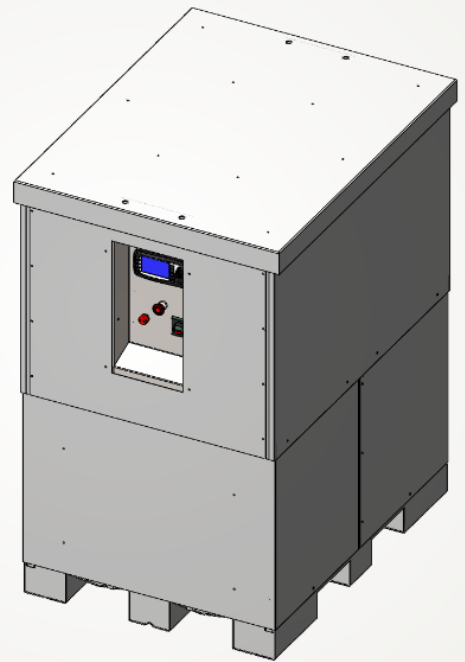




AUTONOMOUS POWER SUPPLY WITH UPS

DynaBank

15 kVA · 25 kWh – reliable power for road systems, with or without the grid.

Keeps your traffic systems running – for days, weeks or months.

DynaBank is an autonomous power source with high output that also serves as an uninterruptible power supply (UPS). It packs a large capacity into a compact outdoor unit. When the batteries run low, a generator starts automatically to recharge them; optionally a mobile solar system supports charging. A connection to the grid is of course also possible.

15 kVA

output, 230/400 VAC 50 Hz

25 kWh

effective energy

≈ 100 min

at full load on batteries alone

224 l

generator tank

**Autonomous three-phase power**

Independent operation with grid synchronisation.

**UPS built in**

Bridges power failures for DynaSwitch, DynaBar and other systems.

**Solar-ready**

Optional charging support with solar modules (max. 48 V, 2.6 kW).

**Remote monitoring**

Optional remote query of voltage, power, state of charge and remaining runtime.



Swiss Excellence Product Award 2023
Winner – DynaSwitch



ISO 9001 certified
Quality management



Swiss engineering
Hardware & software made in-house

HOW LONG DOES IT RUN?

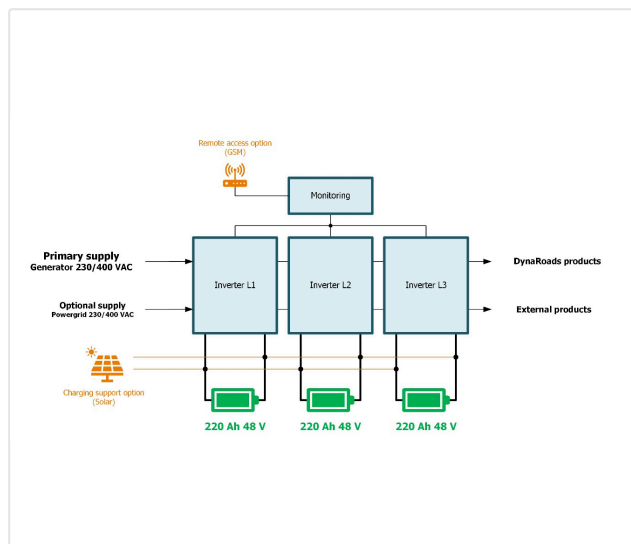
Daily consumption	Batteries only	Batteries + generator (224 l)	Batteries + solar
1 kWh / day	25 days	771 days	virtually unlimited*
5 kWh / day	5 days	154 days	virtually unlimited*

* Depending on sunlight.

TECHNICAL DATA

Output power	15 kVA, 230/400 VAC, 50 Hz
Effective energy	25 kWh (per phase 4 × 220 Ah 12 V lead-gel)
Generator	automatic start, 224 l tank
Power failure at full load	approx. 100 minutes
Input protection	16 A circuit breaker; adjustable input current limit
Dimensions	approx. 1498 × 1188 × 934 mm
Weight	approx. 1182 kg
Housing	hot-dip galvanised steel frame, aluminium shell
Handling	forklift openings all round, crane eyes on top

SYSTEM OVERVIEW



REMOTE DATA (OPTIONAL)

- Battery voltage, current and power
- Consumed ampere-hours and state of charge
- Remaining runtime at current load

Ideal for

Sites without grid connection	Autonomous power for DynaRoads systems such as DynaSwitch and DynaBar at roadworks
Backup during power failures	Integrated UPS keeps traffic systems operational
Central control	DynaBank connects DynaRoads systems for central control, e.g. in alternating traffic management

Let's talk about your project

We are happy to advise you, show you the system in action and support you from planning to service.

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