

AEG

POWER
SOLUTIONS

PROTECT FLEX 10 – 200KVA

PRODUCT PRESENTATION



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NEW PROTECT FLEX HP: 10 - 200KVA

PROTECT Flex HP – Industrial-grade Modular UPS (10 ÷ 200 kVA)

- Existing Power Range: **10 to 40 kVA**; **60 to 200kVA** is coming soon
- Design: Based on power modules 10 / 15 / 25 kVA modules

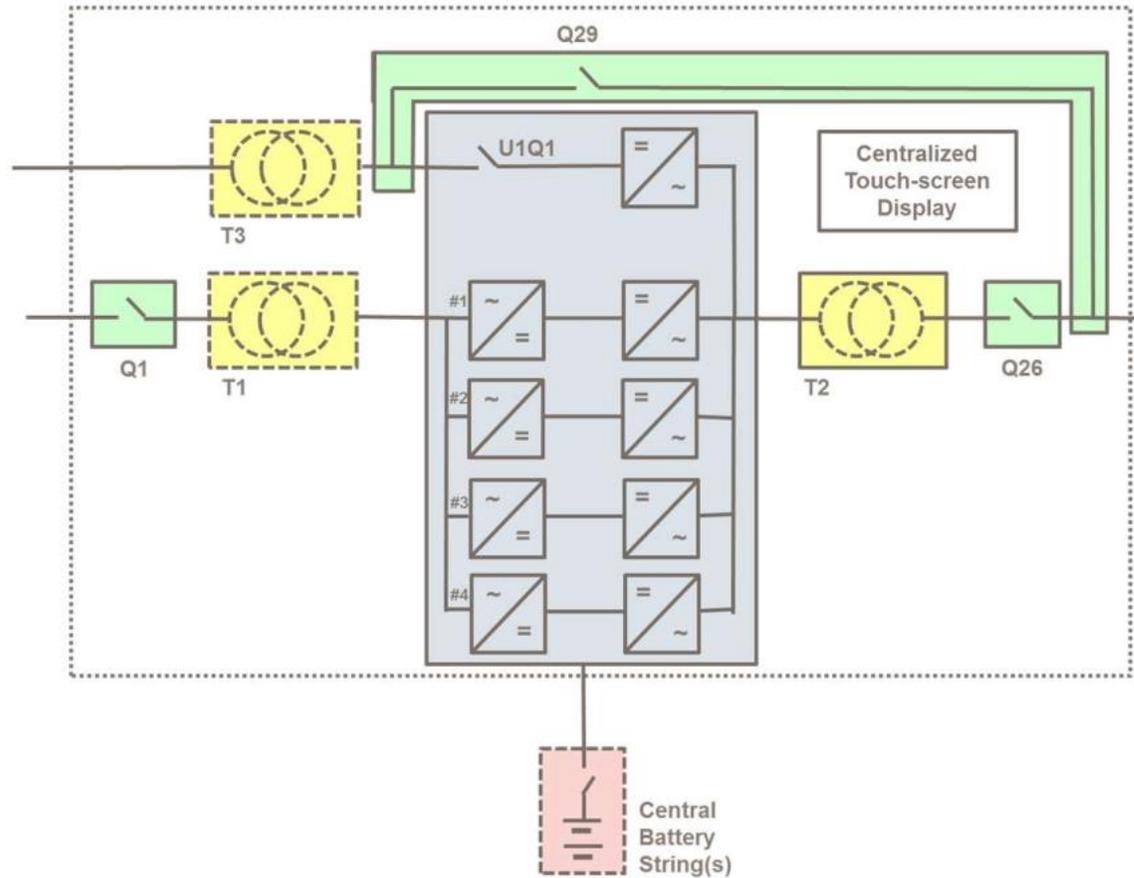
Key Features

- **Modular & Scalable:** Truly modular UPS with hot-swappable power / charger / static bypass modules
- **Robust Design:** Built for harsh industrial environments
- **Output PF =1** for the complete range
- **High Efficiency:** >94% (VFI mode), >98% (ECO mode) and **Input Performances** Input PF >0.99, THDi <4%
- **Flexible Configurations:** 1/1, 3/1, 3/3 phase options
- **Integrated optional isolation transformers**, input & bypass breakers, battery protection
- **Backfeed protection: optional internal and external**
- **User Interface:** 7" LCD touchscreen
- **Protection:** IP20 standard, customizable up to IP43; IK 10



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Typical Block Diagram



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Benefits

- High charging power to meet requirements for > 4 hours autonomy
- Dual ventilation & fan fault detection
- Parallel operation up to 600 kVA
- Extensive communication options:
 - Dry contacts, SNMP, ModBus, BacNet
 - In compliance with Cyber Security requirements
- Project based DNV certification
- Flexible cabinet configurations to meet project specifications

Typical applications

• Chemical and Petrochemical Industry

• Power generation

• Mining

• Transportation

• Continuous manufacturing processes

• Industrial automation applications

• Healthcare environments

