

# E360 Electric System - Use Case



## DEUTZ Electrified Excavator

- Fully electrified 7-ton excavator
- Integrated DEUTZ E360 Electric System
- Provides sufficient battery capacity for a standard working day
- New features included:
  - Battery conditioning: Cooling and heating equipped
  - DC fast charging: 20 – 80 % SoC in less than 30 minutes
  - Vehicle control: Enables easy electrification & retrofit



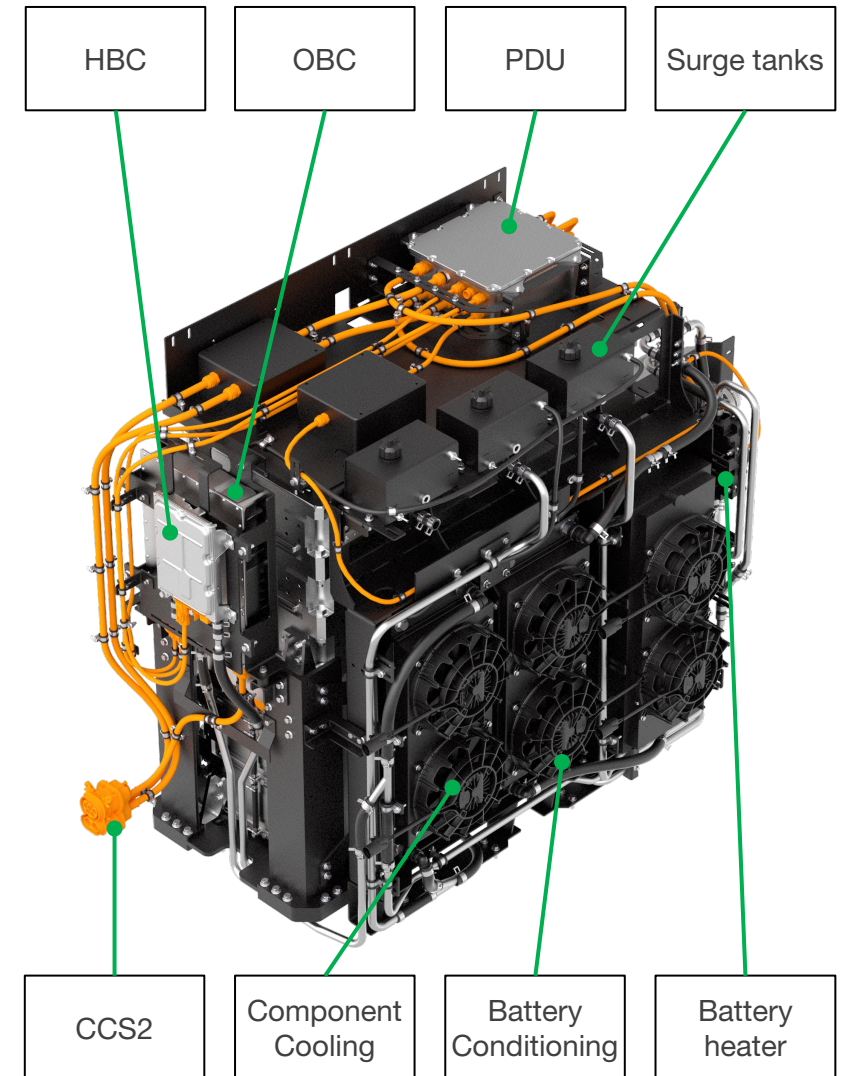
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## Technical Description

<b>DEUTZ Electric System</b>	<b>Excavator Configuration</b>
System	E360 W40-84
Nominal capacity	84 kWh
Output power for hydraulics	40 kW <sub>cont</sub> / 80 kW <sub>peak</sub>
Recharging Power	AC: 22 kW DC: 20 – 80 % in < 30 min.
Recharging Interfaces	AC: Type2 DC: CCS2
Conditioning	System component cooling Battery cooling and heating Cabin heating



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