



E-PTO type TM36

Preliminary specifications are subject to change without further notice – 25 September 2017

Power Levels, E-motor	0-30 kW, operational, peak power 45 kW	AC Installation Requirements	3x400V AC 50 Hz, standard 5 pole 16A CEE-plug and 16 Amp Group with RCD
Battery Technology	LiFePO ₄	24V Supply from ignition key	16-32 VDC max 5A. Protection requirement, 10A fuse
Battery Lifetime	2000 full cycles	Hydraulic Interface	Single or Dual chamber fixed displacement pump or single chamber LS variable displacement pump
Battery Heating	Electric 400W forced air, to enable full charging capacity – even at low temperatures	Temperature Range	-20°C to +45°C (above 35°C power derating possible)
Battery Voltage	80-115V	Cooling	Forced air
Battery Cell Protection	Balancing and active protection on all cells	IP-grade	IP65, allowing high-pressure wash down. Note: high-pressure wash down not allowed directly in charging connector, IP44
Battery Pack Protection	Fully protected against overcurrent, over-, and under-voltage, excessive temperature use and charging	Dimensions (L,W,H)	381mm, 1611 mm, 1564 mm Note: Excl. hydraulic connections & cable entries & Bolt heads
Motor Technology	AC motor with variable closed loop RPM control	Weight	675 kg
Control Interface	Either CAN, analogue, PWM, or I/O	Options	Charge current reduction charging by chassis alternator via inverter Double charger to reduce charging time
Charging	On-board 3,3 kW Connector on drivers side (Left)		
Charging Time	11 hours		