

E-PTO type TM36

Preliminary specifications are subject to change without further notice – 28 April 2016

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

