



E-PTO CM43 HLR

Technical specifications – E-PTO type CM 43 HLR – all specifications are subject to change without further notice – 23 February 2021

Power Levels E-motor and installed capacity	0-30 kW, operational, peak power 45 kW, continuous power 20 kW 43 kWh (new and excluding aging)	AC Installation Requirements	3*400V AC 50 Hz, standard 5 pole 16A CEE-plug 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	Variable displacement load sensing 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 Hydraulic box (L,W,H)	555 mm, 776 mm, 727 mm Note: Excl. hydraulic connections. Max width dimension includes cable entry
Motor Technology	AC motor with variable closed loop RPM control	Dimensions Battery Box (L, W, H)	898 mm, 768 mm, 727 mm Note: Max width includes cable entry
Control Interface	Either CAN, analogue, PWM, or logic I/O	Weight Hydraulic box	170 kg
Charging	On-board 3,3 kW	Weight Battery box	445 kg
Charging Time	12-13 hours	Options	Charging by chassis alternator via Inverter Charging by generator on chassis PTO