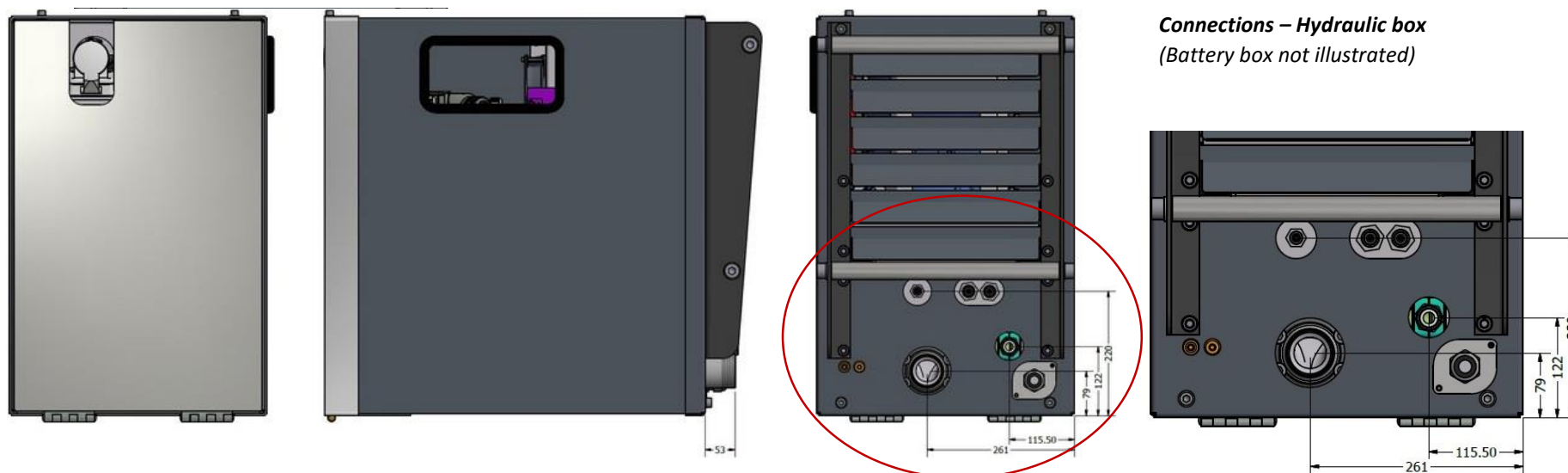


## E-PTO CM29 120240U





**Connections – Hydraulic box**  
(Battery box not illustrated)

**Technical specifications – E-PTO type CM29 120240U** – all specifications are subject to change without further notice – 29 April 2016

<b>Power Levels, E-motor</b>	0-30 kW, continuously, peak power 45 kW	<b>AC Installation Requirements</b>	3*400V AC 50 Hz, standard 5 pole 16A CEE-plug with RCD
<b>Battery Technology</b>	LiFePO <sub>4</sub>	<b>24V Supply from ignition key</b>	16-32 VDC max 5A. Protection requirement, 10A fuse
<b>Battery Lifetime</b>	2000 full cycles	<b>Hydraulic Interface</b>	Variable displacement load sensing pump
<b>Battery Heating</b>	Electric 400W forced air, to enable full charging capacity – even at low temperatures	<b>Temperature Range</b>	-20°C to +45°C (above 35°C power derating possible)
<b>Battery Voltage</b>	80-115V	<b>Cooling</b>	Forced air
<b>Battery Cell Protection</b>	Balancing and active protection on all cells	<b>IP-grade</b>	IP65, allowing high-pressure wash down. Note: high-pressure wash down not allowed directly in charging connector, IP44
<b>Battery Pack Protection</b>	Fully protected against overcurrent, over-, and under-voltage, excessive temperature use and charging	<b>Dimensions Hydraulic box (L,W,H)</b>	457 mm, 783 mm, 727 mm Note: Excl. hydraulic connections & cable entries
<b>Motor Technology</b>	AC motor with variable closed loop RPM control	<b>Dimensions Battery Box (L, W, H)</b>	1056 mm, 690 mm, 727 mm Note: Excl. cable entries
<b>Control Interface</b>	Either CAN, analogue, PWM, or logic I/O	<b>Weight Hydraulic box</b>	170 kg
<b>Charging</b>	On-board 3 kW, 230V AC	<b>Weight Battery box</b>	415 kg
<b>Charging Time</b>	9-11 hours	<b>Options</b>	Charge current reduction