

HydrauPack 360E Battery

Features

- Electric-battery-driven hydraulic power unit for peak shaving applications
- Built-in hydraulic cooling Seawater/Oil system
- Lloyd's Register offshore certified acc. to DNV rules 2.7-1 and EN12079 incl. rigging
- Integrated battery conditioning and propagation prevention systems
- Batteries charged by flexible grid connection
- Energy stored in batteries rapidly transferred to hydraulic pump set, 20 min full load peak sheaving

Benefits

24/7

24/7 (de)mobilisation, installation and commissioning



Maintenance during the project

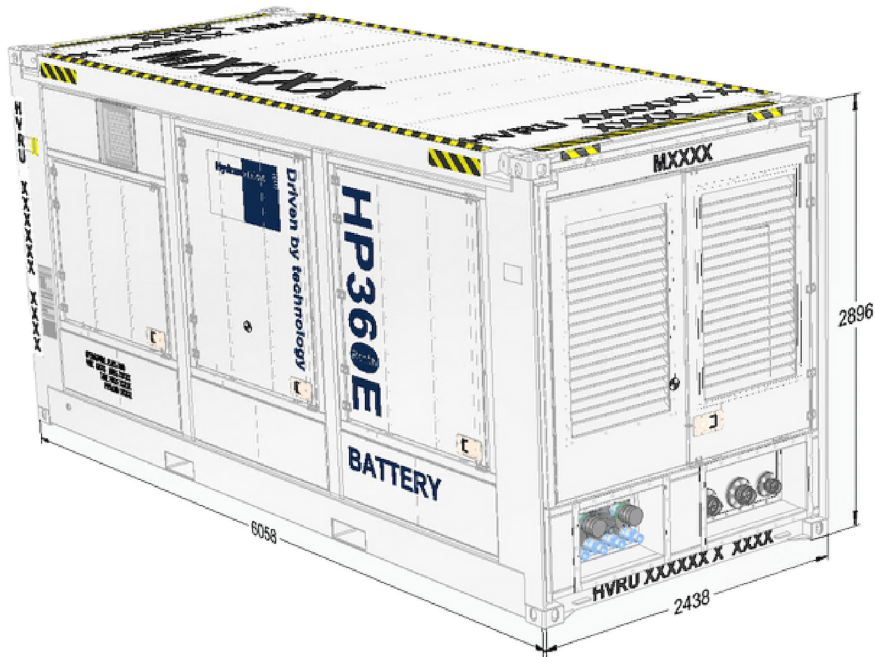


Guaranteed flexibility and high availability



Clear budget and manageable costs

Specifications HP360E Battery

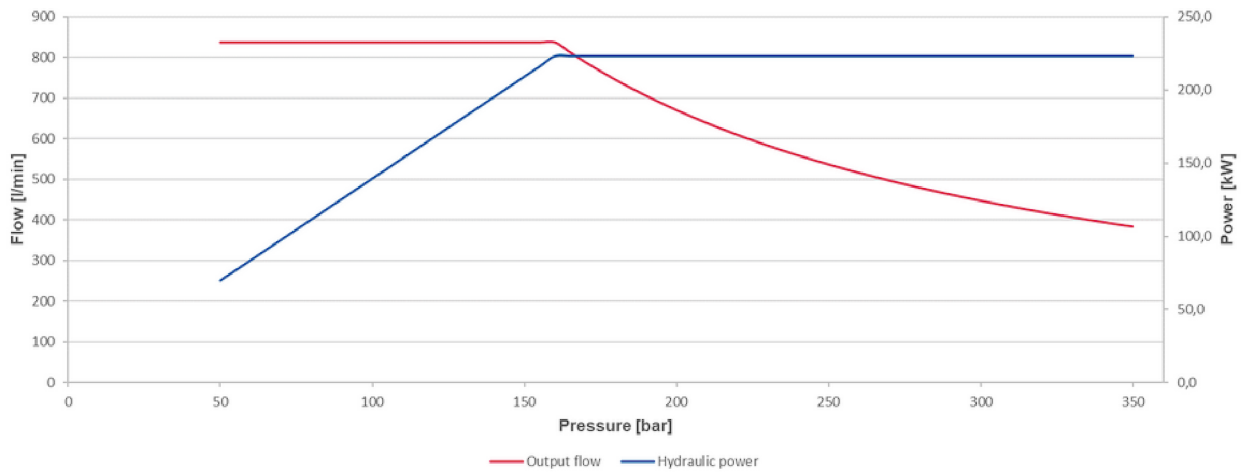


Specifications		
Total weight excl./incl. oil	22000 / 25000	kg
Hydraulic oil tank capacity	3530	liter
Operational temperature	-20 to +45	°C
Technical specifications		
Max. working pressure main pumps	270	bar
Max. output flow	2 x 430	liter/min
Electric motor power	2 x 132 (S1) / 185 (S6)	kW - 440 V/60 Hz
Cooling capacity water/oil	2 x 150	kW (water 320 liter/min 30 °C)
Heating capacity	2 x 3	kW electrical oil heater
Hydraulic fluid	3530 ltr Hydrex MV-36	
Battery capacity	2 x 117.6	kWh Nickel-Manganese-Cobalt
Battery propagation prevention	8 x 12	liter
Battery cooler	2 x 30	kW Water-Glycol/Air
Power supply nominal	2 x 400 VAC 2 x 440 VAC 2 x 690 VAC	(50 Hz) - 550 A (60 Hz) - 500 A (60 Hz) - 320 A
Power connections	690 VAC Powerlock phase 1 690 VAC Powerlock phase 2 690 VAC Powerlock phase 3 690 VAC Powerlock Earth 2 x 690 VAC 2 x 440 VAC	NPS-1-BN-T4 NPS-2-BN-T4 NPS-3-BN-T4 NPS-E-BN-T4 63A CEE-form (black) 63A CEE-form (red)
Pressure (P)		2 x VOF200 2" BSP (male)
Return (T)		4 x T20020 2" (male)
Drain (D)		1 x T15020 1-1/2" (male)
External Tank (TC)		DN150-PN16
Cooling water In / Out / Over		3 x Storz 89

Specifications HP360E Battery

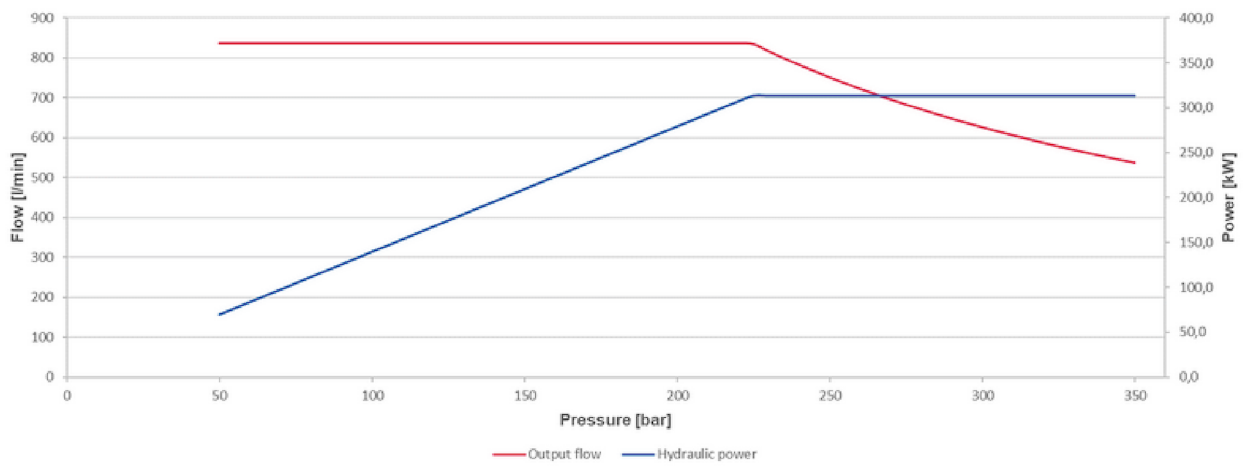
Grid power supply and continuous hydraulic power

HydrauPack 360E Battery
@264 [kW] | Full Power Supply (S1 Duty)



Grid power supply and continuous hydraulic power

HydrauPack 360E Battery
@370 [kW] | Full Power Supply (S6 Duty)



Reduced grid power (2 x 690 VAC / 63 A / 150 kW) and periodic (38 min) hydraulic power

HydrauPack 360E Battery
@370 [kW] | Peak Shaving Supply | 38 [min]

