

HYDRAULIC POWER UNIT 55/63 KW

DNV 2.7-1
ATEX ZONE II



Description

The Envirent 55/63kW HPU is designed for High Flow applications both Offshore and Onshore. The unit is intended for on-deck use and testing at the SIT, flushing and function testing.

The HPU feature a compact design which is DNV 2.7-1 certified and ATEX Zone II approved. Multi voltage selection, 400 – 690V, make the HPU very adaptable to meet the client' needs. The 500L reservoir has a built-in radiator for hydraulic cooling.

Typical Operations

- Top Side Tooling Operations
- Deck Testing
- Function Testing
- Flushing

Features

- ATEX Zone II
- Integrated
- Compact Design
- Service and user friendly
- Integrated Oil Cooler
- Easy Connection Interface

■ The specification details are illustrative for marketing purpose only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500, sales@envirent.no

SPECIFICATIONS

HYDRAULIC POWER UNIT 55/63 KW

General Technical Specifications

Type	High Flow HPU 55/63kW
Part Number	HPU-MN
Dimensions L x W x H	2300 mm x 1300 mm x 1950 mm
Weight in air	2200 kg
Lifting Certificate	Acc To DNV 2.7-1
Fluid	

*Please contact us for questions or more information regarding fluid compability

Hydraulic Specifications

Max. Output Pressure	350 Bar
Max. Output Flow	320 L/min
Pump Type	KPM Axial Piston Pump, B Series K3VL
Reservoir Capacity	500L
Oil Level Indicator	Yes, visual
Oil Level Guard	Yes
Temperature Guard	Yes
Oil Cooler	Built in radiator for hydraulic cooling
Pressure Gauge	Yes (on both pressure and return line)

Hydraulic Interface

Connection ROV Pressure	3/4" Male Quick Connector
Connection ROV Drain	1/2" Male Quick Connector
Connection ROV Return	1" Male Quick Connector

Electrical Interface

Electrical Motor	ATB, IP56,EEX de, ATEX, 400-690V, 50/60 Hz, 125Amp -400V (D), 55 kW, 1470 rpm, 95 A, 50 Hz -690V (Y), 55 kW, 1475 rpm. 55A, 50 Hz -440-480V (D), 63 kW, 1770 rpm, 100-92 A, 60 Hz -660-690V(Y), 63 kW, 1770 rpm, 59-56 A, 60 Hz
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Start Cabinet	Apply Oil & Gas Electro, EEx de IIC T6
Power Cable	35 m
Power Socket	Available upon request

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Inventory List:

Items listed in Inventory List are delivered with the equipment as standard.
Any additional equipment must be specified upon order.

Item	Description	Total Qty
1.	Power Cable, 35 (Open end)	1
2.	Hydraulic Hose 1/2", Jic 8 Fm – Fm, 10m. SS (Drain)	1
3.	Hydraulic Hose 3/4", Jic 12 Fm – Fm, 10m. SS (Pressure and Return)	2
4.	Quick Connector 1/2" Female	1
5.	Quick Connector 3/4" Female	1
6.	Quick Connector 1"	1
7.	Hose Air/Water 1" Offshore Claw - 20M 15Bar. SS	2
8.	Lifting Cert	1
9.		
10.		