

Well Intervention

ParaComm Power Processing Unit

The Power Processing Unit (PPU) is the heart of the downhole Slick E-line tool string. The PPU powers modules of the tool string below and the PCH above.

The PPU stores the data retrieved from the tool string in the memory section and at the same time data is transmitted real time to the Surface Read Out (SRO) system via the Slick E-Line.

The PPU has been designed to be as rugged as possible, whilst allowing access to field replaceable battery pack. When combined with ParaLog Data acquisition software the system delivers a complete solution for production logging and API standard data delivery.

The post job data set can also be retrieved from the PPU with ParaLog DAS for post processing.

The PPU is fitted with the following sensors:

- Well pressure
- Well temperature
- CCL
- Vibrations and inclination

Features

- Field-replaceable battery pack
- Shock and vibration proof design for DAQ and battery pack for conventional slickline and perforating operations
- Upper head connection to 1.475" ParaComm Communication head



Technical specifications		
Diameter	43 mm	1 11/16"
Overall length	1211 mm	47.7"
Make up length	1116 mm	44.9"
Weight	5.5 kg	11 lbs
Temperature rating	150 °C	320 °F
Pressure rating	103.4 MPa	15,000 psi
Battery voltage	18.5 VDC (BAT -09)	
Pressure sensor	0-15,000 psi	
Memory	0.5 GB	
Downhole tension	TBC	
CCL	1 11/16"	
Upper head connection	1.475" ParaComm box	
Bottom head connection	1.475" ParaComm pin	
Materials	Corrosion resistant throughout	