

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



Battery

Memory

Pressure Temp.

CCL

The PPU II has been designed to be as rugged as possible, whilst allowing access to a field-replaceable battery Pack.

It delivers a complete solution for both mechanical operations, trigger operations as well as PLT operations.

This provides the possibility to know where the tools are in the Well (P, T and CCL) while setting a plug, doing a tubing punch etc. Real-time conformation of the effect of the operations downhole. Downhole stress provides extra confirmation of the operations.

The PPU II is fitted with the following sensors:

- Well pressure
- Well temperature
- DHS (downhole stress)
- 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

Part Number:	A1208104	
Diameter	43 mm	1 11/16"
Overall length	1211 mm	47.7"
Make up length	1116 mm	44.9"
Weight	7.5 kg	16.5 lb.

Temperature rating	150°C	302°F
Pressure rating	103.4 MPa	15,000 psi
Battery voltage	18.5 VDC (BAT-09)	
Pressure sensor	0-15,000 PSI	
Temperature sensor	0-250°C	
Memory	64 MB	
Downhole stress	2000 kg	
CCL	1 11/16"	
Upper head connection	1.475" ParaComm Box	
Bottom head connection	1.475" ParaComm Pin	
Materials	Corrosion resistant throughout	