



Ignition Power Supply

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The Taylor Dynamometer Ignition Power Supply is used to provide adequate power for the ignition system of internal combustion engines. This power supply eliminates the need for batteries in the test cell that are used to supply ignition power. It is not designed to provide electrical power for cranking engines that utilize electric starters.

The Ignition Power Supply comes standard with a single 12VDC (200 amp) output and offers the option to include a 24VDC (100 amp) and/or 48VDC (50 amp) output. When multiple output voltage capability [12VDC (200 amp), 24VDC (100 amp) & 48VDC (50 amp)] is present, the desired voltage is operator selected via illuminated pushbuttons on the front of the enclosure. Operation of a single output voltage is the base of our system design. Switching voltages requires the operator to go through a reset procedure to ensure a safe voltage selection switchover and prevent inadvertent switching of the output voltage.

The Ignition Power Supply must be wired through an ignition relay to complete the output voltage delivery to the engine. This ignition relay is provided in the Taylor Dynamometer DynPro Data Acquisition and Control System. If a DynPro system is not being used, the customer must purchase the necessary ignition relay components separately.

Contact the Taylor Dynamometer Sales department for detailed specifications and pricing.

SMS0946V003