Specifications

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Specifications for PLC-2/20 processors follow.

Nominal Input Voltages to Processor Modules ▪ +5.1V, +12V, -5.1V **Input Power Required for Processor** ▪ (no I/O Racks) ▪ 25 VA **Maximum input Power Required for Loaded Power Supply** ▪ 75VA (nominal) **Scan Time (nominal)** ▪ 5 ms/1K of memory	**Memory Capacity** ▪ 8K words (16 data bits each) **Ambient Temperature Rating** ▪ 0°C to 60°C (operational) ▪ -40°C to +85°C (storage, excluding Battery) **Humidity Rating** ▪ 5 to 95% (without condensation) **Keying** ▪ Processor modules slotted to mate with keyed Chassis sockets

Specifications for PLC-2/30 processors follow.

1772-LP3 Processor **Input Voltage** ▪ 120V AC ▪ 220/240V AC **Input Voltage Range** ▪ 97V to 132V AC ▪ 196 to 250V AC **Input Power** ▪ 75VA **Frequency** ▪ 47 to 63HZ **Memory Capacity** ▪ 16K words (nominal) **1772-LP3D4 Processor** **Input Voltage** ▪ 24V DC (nominal) **Input Voltage Range** ▪ 20.5 – 32.0V DC **Input Power** ▪ 75 VA (nominal) **Memory Capacity** ▪ 8K (nominal)	**Specifications Common to Both Cat. Nos. of the PLC-2/30 Processor** **Battery Back-up** ▪ 2 Alkaline D-size batteries 1.5V ▪ 1 Lithium D-size battery 3.7V **Data Table Size** ▪ Floating, 32 to 8192 words **I/O Scan** ▪ .5ms/128 (typical) **Program Scan** ▪ 5ms (typical)/1 K **I/O Compatability** ▪ Without complementary I/O – 896 ▪ With complementary I/O – 1792 **Mode Selection** ▪ By keyswitch on the processor **Environmental Conditions** ▪ Operating Temperature: 0 to 60°C (32 to 140°F) ▪ Storage Temperature: -40 to 85°C (-40 to 185°F) ▪ Relative Humidity: 5% to 95% (without condensation)