

12/24V dc Power Supply Expands SLC 500™ Control Capabilities

1746-P7 extends coverage to on-vehicle, battery powered applications



The new 1746-P7 12/24V dc power supply allows your SLC 500™ small PLC to be used in applications powered by 12 volt batteries or 24 volt systems requiring a broad input voltage range.

This capability extends SLC 500 application coverage to on-vehicle applications, emergency power generators, and solar cell powered RTU applications.

The power supply operates on an input voltage range of 10-30V dc with output capacity of 20 watts at 12V dc and 38 watts at 24v dc.

1746-P7 Specifications

Description	Specification	
Input Voltage	10-30V dc	
Output Capacity	12V dc input: 2 amps @ 5V dc, .46 amps @ 24V dc 24V dc input: 3.6 amps @ 5V dc, .87 amps @ 24V dc	
Isolation (between input terminals and backplane)	600V ac RMS for 1 minute	
Input Overvoltage Protection	32V dc for 1 hour	48V dc for 1 minute
CPU Hold-up Time	12V dc input: 1.37 ms at 0V dc (full load) 895 ms at 0V dc (no load) 20 ms at 9V dc (full load) continuous at 9V dc (no load)	24V dc input: 40 ms at 0V dc (full load) 1860 ms at 0V dc (no load) 790 ms at 11V dc (full load) continuous at 11V dc (no load)

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