

PowerText™ Specifications

Features Common to All Models	
Input Voltage	24VDC (20-30VDC operating range)
Enclosure	NEMA 4, 4X
Agency Approval	UL, cUL, CE
Operating Temperature	0° to 45°C (32° to 113°F)
Storage Temperature	-20° to 60°C (-4° to 140°F)
Humidity	10-95% RH, (non-condensing)
Electrical Noise	NEMA ICS 2-230 showering arc ANSI C37.90a-1974 SWC Level C Chattering Relay Test
Withstand Voltage	1000VDC (1 minute), between power supply input terminal and protective ground (FG)
Vibration	5 - 55Hz 2G for 2 hours in the X, Y, and Z axes
Shock	10G for under 12 ms in the X, Y, and Z axes
Burn-in	Temperature cycled 96 hours and then fully functional tested
LED/LCD Life	100,000 hours
Serial Communications	Download/Program/PLC Port RS-232/RS422/RS485 15-pin D-sub (female)



2X20L



2X20N



2X20K



4X20L



SP000

	UPT-2X20N-001	UPT-2X20L-001	UPT-4X20N-001	UPT-2X20K-001	UPT-SP000-001
Description	2x20 LCD display, five user defined pushbuttons, five LEDs	2x20 LCD display, large characters, five user defined pushbuttons, five LEDs	4x20 LCD display, five user defined pushbuttons, five LEDs	2x20 LCD display, numeric keypad, five user defined push buttons, three tri-color LED annunciators	1x16 LCD display, five control pushbuttons
Power Consumption	4 Watts @ 24VDC	4.5 Watts @ 24VDC	4 Watts @ 24VDC	5.5 Watts @ 24VDC	6.5 Watts @ 24VDC
Display Type	Character LCD, 2 lines by 20 characters w/LED backlight		Character LCD, 4 lines by 20 characters w/LED backlight	Character LCD, 2 lines by 20 characters w/ LED backlight	Character LCD 1 line by 16 characters w/ 8 digit .52" LED numeric display
Character Height	5.55mm (0.22")	8.06mm (0.316")	4.75mm (0.187")	5.55mm (0.22")	8.06mm (0.316")
Keypad Overlay	5 user-defined pushbuttons and 4 Navigation control keys			5 user-defined pushbuttons, 4 Navigation control keys, Numeric Keypad	4 Navigation control keys
Indicator LEDs	5 user-defined LEDs			5 user-defined LEDs, and 3 user-defined annunciators	
Dimensions (in/mm)	6.650x4.124"	9.250x4.124"	6.650x4.124"	9.250x4.124"	
Mounting Cutout	5.910x3.712"	8.510x3.712"	5.910x3.712"	8.510x3.712"	
Weight (lbs.)	0.6	1	0.6	1	1
Number of Messages	256 (PLC as well as Local messages)			256 (PLC as well as Local messages)	
Embedded Data	3 Variables per message (one read/write and two Read-Only)			3 Variables per message (one read/write and two Read-only)"	1 (on LED)