



## IONPURE® TOUCH PANEL DISPLAY IP-POWERDSP-TP

The IONPURE® Touch Panel display is designed to be a simple point-of-use display and control for the Ionpure DCR-M power rectifier and DC3 switch mode power supplies. This display provides the user complete control of up to 16 power supplies to optimize performance of a CEDI high purity water system.


The 4.3-inch display allows the user to see up to 4 CEDI power supplies at a time, allowing the user to quickly and accurately access vital information such as output voltage DC, amperage DC and resistance (Ohms). The display will also provide a visual alarm for any power supply which has an error, allowing for troubleshooting without having to power off full system and open electrical cabinet.

### TOUCH PANEL DISPLAY FEATURES

- Designed specifically for use with IONPURE power supplies and CEDI modules.
- Streamline power at system with the ability to view supply monitoring and control up to 16 units from 1 display.
- Easily view real time power performance and alarms
- Access critical troubleshooting information
- 60-Day running log of power performance
- IP65 rated for protection from dust, water, oils and non-corrosive materials
- RoHS, CE complaint, and UL listed
- Provided Gasket to maintain NEMA 4X/IPS rating of cabinet.
- USB port for data extraction and firmware updates
- Supplied with DB9 (serial) to RJ45 (ethernet) cable adapter for DCR-M
- Simple ethernet connection for DC3

Overview / Page 1						
MD1	✓	0.0	VDC	0.0	ADC	0.00 Ω
MD2	✓	0.0	VDC	0.0	ADC	0.00 Ω
MD3	✓	0.0	VDC	0.0	ADC	0.00 Ω
MD4	✓	0.0	VDC	0.0	ADC	0.00 Ω

Overview Screen

←	Revision	Back	Alarm Code	0 - 0
Setpoint	External Control	Power Controller Status		
00.0 ENTER	Yes No	Stop	Run	
Temperature	DC3 Runtime & Serial Number			
H 00 °C x 00 °C	HRS: 00	S/N: 00000000		
Load	Voltage	Current	Resistance	
	000 V	00.0 A	000.0 Ω	

Detail Screen

## Specifications

### PHYSICAL SPECIFICATIONS

	Width	Height	Depth
IP-TPDSP	5.04in (128mm)	4.02in (102mm)	1.97in (50mm)
Panel Cutout	4.72in (120mm)	3.70 in (94mm)	N/A

### INPUTS

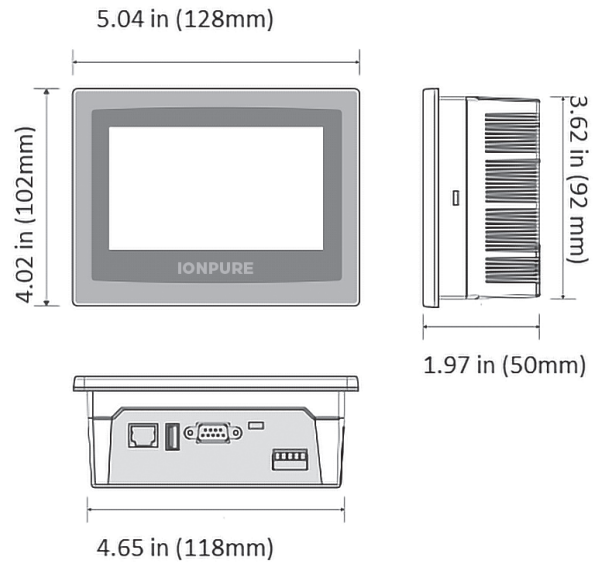
Input power	24 VDC
Ethernet	10/100BaseT
Serial (com1)	RS232C
Serial (com2)	RS422/485
USB	

### GENERAL SPECIFICATIONS

Operating Temperature	0°C - 50°C (35°F - 122°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Ambient Humidity	10%RH - 85%RH (Below 29°C (84.2°F) , Non-condensing)
Storage Humidity	10%RH - 85%RH (Below 39°C (102.2°F) , Non-condensing)
Dust	≥ 0.1 mg/m3
Enclosure	Plastic

### PANEL SPECIFICATIONS

Panel Size	4.3"
Resolution	480 x 272
LCD	65K Color TFT
Onboard memory	128 MB SDRAM
Onboard storage	128 MB Flash
Operating System	Custom Ionpure interface running on Windows CE 6.0



## Ordering Information

Order #	Model #	Description
W2T829935	IP-POWERDSP-TP	4.3" Touch Panel Display for DCR-M and DC3
<b>ACCESSORIES</b>		
W2T394491	IP-CABLE50CM-G2	1.6ft (50cm) Ethernet Cable
W2T394495	IP-CABLE2M-G2	6.5ft (2m) Ethernet Cable
<b>CORRESPONDING POWER SUPPLIES</b>		
W2T827150	IP-DC3PH600V1-M1	3-Phase DC Power Supply, 0-600V, 0-15A DC
W2T827123	IP-DCR600V15A-M*	DC RECTIFIER, 600VDC 15A DIN Rail mountable with MODBUS communication

\* DCR requires separate isolation transformer, not provided.



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