



Remote Monitoring & Control CENTRI SERIES

DC Powered Remote Monitoring and Control Units for Remote Site Management and IoT Applications
*(See Below)

SITE CENTRI Remote Monitoring & Control

PRODUCT FEATURES

- 6 isolated analog inputs, 4 digital inputs & 4 digital outputs
- Isolated AC monitoring channel
- Temperature monitoring
- DIN or Wall Mount version available for DC-RMCU1
- SNMP v1, v2, & v3 support of traps, gets and sets with MIB file
- SMTP/POP3 – email alerts
- Data logging, time stamped, continuous logging, stored on internal SD card and downloadable .CSV file
- HTTP setup & monitoring with standard browser
- NTP/Real time clock & events schedule

CULUS
Certified to UL 60950-1
& CAN/CSA C22.2 No. 60950-1-07



DC-RMCU1
8" H x 3" W x 5" D



2RU Rack Mount
RM-DC-RMCU1
3.5" H x 19" W x 6" D

SITE GRAPH Graphing of data for each input

PRODUCT FEATURES

- Graphing of data for each analog input
- DIN or 1RU Rack Mount version
- 10 fully opto-isolated digital inputs
- 4 form c-relay, 4 opto-isolated digital outputs
- 8 fully isolated analog inputs with 24 bit ADCs
- Up to 8 DC channels, up to 4 AC channels
- Factory configured for 2 AC, 1 DC current, 5 +/- 100 VDC channels
- Internal temp & humidity sensor
- 4 programmable voltage outputs 0 to 10V, 20mA



DC-RMCU-8G
10" H x 3.5" W x 5.5" D



1 RU: RM-DC-RMCU-8G
1.75" H x 19" W x 10.25" D

SITE SCOUT Wireless Remote Monitoring and Control Unit

PRODUCT FEATURES

- Wireless Communication via Wi-Fi
- Touch screen interface
- 1 AC voltage sense input
- 1 AC or DC voltage sense input (Factory set for DC voltage)
- 1 dedicated DC voltage sense input, 2 general digital inputs
- 1 DC current sensor input
- 1 temperature sensor input, and 4 relay outputs



DC-RMCU-2W
1.5" H x 6.5" W x 3.5" D



RM-DC-RMCU-2W
3.5" H x 19" W x 3.5" D



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Comparison Chart



Features	Site Centri	Site Graph	Site Scout
Factory Configured - AC Volt	1	2	1
Factory Configured - DC Volt	4	5	2
Factory Configured - DC Amp	1	1	1
Digital Input	4	10 (Opto-Isolated)	2 (Opto-Isolated)
Digital Output	4	4 (Opto-Isolated)	0
Relay Out	-	4 (Form C)	4 (Form C)
Temp Sen	External	1 In /1 External	1
SNMP	v1, v2, v3	v1, v2, v3	v1, v2, v3
HTTP(S)	HTTP	HTTP	HTTP, HTTPS*
OTA Firmware Updates	Ethernet	Ethernet	Ethernet/Wireless
Web Based Data Graphing	-	Internal	-
Analog to Digital Conversion (ADC)	12 Bit	24 Bit	12 Bit
Time stamped, continuous data logging	x	x	x
Ethernet Port	x	x	x
Remote Reboot	x	x	x
Automated Recovery	x	x	x
Self Generated Web Page	x	x	x
User Customized Inputs & Alarms	x	x	x
SMTP/POP 3 e-mail Alerts	x	x	x
Email	1	6	6
Secure TCP/IP Communications			x
Wi Fi			x
Touch Screen			x
Internal Secure Web Server			x
12C, Smbus, Pmbus Header			Optional
MQTT, AWS, MODBUS			Optional

*HTTPS available by request



Rack Mount CENTRI SERIES

HE1U-MU

Rack Mount Power Supply w/ Built-in Remote Monitoring & Control

PRODUCT FEATURES

- 300, 750, 1600 Watt High Efficiency Switching Power Platform at 12, 24, or 48 VDC output
- Remote Control ON/OFF / DC-OK TTL signal
- Internet Monitoring & Control w/ alarm, email, and SNMP v1, v2, v3
- Integrated Smart Charger
- Integrated Low Voltage Disconnect & Manual Battery Disconnect



1.75" H x 19" W x 14" D

SPECIFICATIONS

Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	Panel Height	Weight (lbs)	Battery Disconnect Switch	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
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300 WATT

HE1U-2012-BMS-MU	20	13.8	110 or 220	1.75"	8.4	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-1024-BMS-MU	10	27.5	110 or 220	1.75"	8.4	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-548-BMS-MU	5	56	110 or 220	1.75"	8.4	YES	2.2	15-30 Ah	42.0 / 50.0

750 WATT

HE1U-5012-BMS-MU	50	13.8	110 or 220	1.75"	8.4	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-2524-BMS-MU	25	27.5	110 or 220	1.75"	8.4	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-1248-BMS-MU	12	56	110 or 220	1.75"	8.4	YES	2.2	15-30 Ah	42.0 / 50.0

1600 WATT

HE1U-12012-BMS-MU	120	13.8	110 or 220	1.75"	8.4	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-6024-BMS-MU	60	27.5	110 or 220	1.75"	8.4	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-3048-BMS-MU	30	56	110 or 220	1.75"	8.4	YES	2.2	15-30 Ah	42.0 / 50.0

DP-10i Series

Centri Series Power Distribution Panel

PRODUCT FEATURES

- Provides internet monitoring & control of DC power distribution
- Individual voltage and current monitoring for each output load
- 100 amps maximum continuous input current
- 10 electronically fused outputs with up to 25 amps max. output each, but must not exceed 100 amps total continuous output
- Each output load circuit features independent on/off control and remote reset
- User adjustable electronic fuses, 1 to 25 amp disconnect in 0.1 amp steps

*DP-10iN-100-MU work with positive ground systems ONLY

*DP-10iN-100-MU includes SNMP traps for alarms and monitoring

***NOTE: DP-10iN-100-MU Firmware is completely different than the DP-10i-100-MU**



1.75" H x 19" W x 6" D

SPECIFICATIONS

Model Number	Input Range VDC	Amps (Max per Panel)	Number of Outputs	Amps (Cont. per Output)	Max Amps (Max per Output)	Panel Height	Weight (lbs)
DP-10i-100-MU	0 to 60	100	10	0 - 20	25	1.75"	8
DP-10iN-100-MU*	-60 to 0	100	10	0 - 20	25	1.75"	8