

# CONTROLWAVE POWER SYSTEM

## REMOTELY MONITOR & RESOLVE SYSTEM ISSUES

Today's WISPs, Telecom, Broadband and Land Mobile Radio systems integrators are routinely confronted with navigating the intricacies confronted with power management, particularly with the influx of new connected devices.

Newmar, a leading manufacturer of high-quality communication power products, supports today's system integrators to answer the challenges confronted by power management with their NEWEST Release ControlWave.

ControlWave is an innovative remote power system with integrated power monitoring, control and distribution that delivers power, reliability and robust control in a compact package. Available in 12V, 24V, and 48V models, ControlWave is designed to provide maximum power in a small package. With integrated power distribution, ControlWave provides 12 fully programmable load circuits which manage the flow of current in each circuit. These ControlGates can be configured for values from 1 to 40A in 50mA increments and can be controlled remotely. This unit provides real-time power monitoring for connected devices locally and over the Ethernet through an integrated web server.



## KEY FEATURES

- 12VDC@200A for 2400W
- 24VDC@140A for 3360W
- 48VDC@70A for 3360W
- High Efficiency up to 93%
- Universal AC Input: 90-264VAC. 50/60Hz
- 12x Programmable ControlGates with remote control
- Supports lead-acid or LIFEPO4 battery charging with LVD
- IP Rated terminal blocks for ease of connection
- 4.3" LCD touchscreen display and individual channel indicators for local monitoring of status, input voltage, current draw, and system parameters
- Internally hosted webpage, plug-and-play, no additional software required
- Remote monitoring of voltage, current and system temperature
- SNMP v2 and v3 and email notifications via SMTP

# ELECTRICAL SHELF SPECIFICATIONS

	12V ControlWave	24V ControlWave	48V ControlWave
Part Number	CWPS-12V200A-MU	CWPS-24V140V-MU	CWPS-48V70A-MU
Input Voltage	90-264 VAC	90-264 VAC	90-264 VAC
Frequency	45–65 Hz	45–65 Hz	45–65 Hz
Output Voltage	54 VDC	24 VDC	12 VDC
Output Current	70 Amps	40 Amps	200 Amps
Watts	3360 W	3360 W	2400 W
Efficiency	93%	93%	93%
Max Ouput Current	55 Amps/ Channel	55 Amps/ Channel	55 Amps/ Channel
Continuous Output Amerage	0-50 Amps/Channel	0-50 Amps/Channel	0-50 Amps/Channel
ControlGate Rating	User Adjustable 100mA to 50A in 100mA increments		
Voltage Accuracy	± 2.5%	± 2.5%	± 2.5%
Voltage Resolution	0.01 V	0.01 V	0.01 V
Current Accuracy	± 2.5%	± 2.5%	± 2.5%
Current Resolution	0.01 A	0.01 A	0.01 A
Minimum Current Reading	50mA	50mA	50mA
Dimensions (H x W x D)	3.50 in x 19 in x 16 in	3.50 in x 19 in x 16 in	3.50 in x 19 in x 16 in
Weight	20 lbs (9.07 kg)	20 lbs (9.07 kg)	20 lbs (9.07 kg)