



Telecommunications



Data Centers



Industries



Renewable

## DUAL FERRORESONANT POWER SUPPLY

FFRBLUDUAL SERIES



### DESCRIPTION

The series of ferroresonant power supplies FFRBLUDUAL of BLUNERY, were designed as the ideal low cost solution to power all the active equipment deployed in today's HFC networks where service interruption can be accepted.

Its proven ferroresonant technology allows for a very stable and quasi-sinusoidal regulated O/P voltage.

The available powers and the possibility to select different output voltages, make these power supplies a very good option to fulfill all the different network designs.

### MAIN FEATURES

- Proven and efficient ferroresonant technology.
- Tight regulated output voltage (in its working range).
- Field selectable 60 / 90VAC output for all models.
- Overload and shortcircuit protection.
- Input DIN circuit breaker protection.
- Quick and easy wiring and deployment.
- Active output LED indicator.
- Wall and pole mount.

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FFRBLUDUAL SERIES



## SPECIFICATIONS

	FFRBLUDUAL10	FFRBLUDUAL15
<b>ELECTRICAL</b>		
<b>INPUT</b>		
Nominal Voltage [VAC]	110 / 120 - 220 / 240	110 / 120 - 220 / 240
Frequency [Hz]	50 - 60	
Nominal Voltage Tolerance [%]	-20 to 15	
Nominal Power [VA]	600	900
Nominal Current [Amps]*	6.50 - 3.20	9.90 - 4.90
Maximum Current @ I/P VAC Nom -20% [Amps]*	8.65 - 4.30	14.20 - 7.00
Efficiency [%]*	≥ 85	
Power Factor [%]*	> 0.90	
<b>OUTPUT</b>		
Nominal Voltage [VCA] - Field Selectable	60 / 90	
Nominal Current [Amps]	10 / 7	15 / 10
Regulation [%]	5	
Waveform	Quasi-Sinusoidal	
Overload Protection [%]	130	
Shortcircuit Protection	Yes	
<b>EXTENDED</b>		
ON/OFF Power Switch	DIN Thermomagnetic Circuit Breaker, 16-1P	
Active O/P Indicator	High brightness green LED	
I/P Terminal Block	3 x positions (L, N, GND)	
O/P Coax Connector [inches]	5/8 - Female	
<b>MECHANICAL</b>		
Dimensions: H x W x D [mm/inches]	310 x 188 x 174 / 12.20 x 7.40 x 6.85	
Weight [Kg/Lbs]	17 / 37.47	18 / 39.68
Mount	Wood or concrete pole, wall	
Protection Grade	IP43	
Material and Paint	High Quality Aluminum & RAL 7032-Grey	
<b>ENVIRONMENTAL</b>		
Working Temperature [°C/°F]	-40 to +55 / -40 to +131	
Storage Temperature [°C/°F]		
Relative Humidity - Non Condensing [%]	0 to 95	

\* O/P Voltage 60VAC

Latpower reserves the right to change product specifications and design without notice.

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