NIM UEP 15

NIM UEP 15 Bulletpoints

- Input voltage: 100–240 V AC (±10%), 47–63 Hz via internal transformer taps
- Output power: 150 W total; ±6 V @ 5 A, ±12 V @ 3 A, ±24 V @ 1.5–3 A (model dependent)
- Regulation: Line 0.02%, Load <0.2% (6 V), <0.1% (12/24 V); ripple <10 mVpp
- Protection: Trip-off at ±0.3% deviation, thermal cutoff, red LED indicator
- Cooling: Integrated DC blower; thermal switch + regulator protection
- Interfaces: Rear NIM connector; optional CAN-bus via 9-pin Sub-D; front mains switch with status LEDs

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Form Factor	2.5 NIM slot front-pluggable power supply
Dimensions (W × H × D)	2.5 NIM × 183 mm × 249 mm
Weight	7.5 kg
Operating Temperature (Derating)	>40 °C with 2%/K derating up to max. 60 °C
Input Voltage Range	1 00 V / 110 V / 220 V / 240 V AC (±10%), 47–63 Hz
Input Selection	Internal transformer taps (5 options)
Soft Start	Yes
Output Voltages	±6 V / ±12 V / ±24 V
Output Current (UEP15)	±6 V: 5 A, ±12 V: 3 A, ±24 V: 1.5 A
Output Current (UEP15 as)	±6 V: 5 A, ±12 V: 3 A, ±24 V: 3 A
Maximum Power Output	150 W (linear regulation)
Ripple & Noise (max.)	<3 mVpp (±6 V), <5 mVpp (±12 V), <10 mVpp (±24 V)
Load Regulation	<0.2% (6 V), <0.1% (12/24 V)
Line Regulation	0.02%
Recovery Time (10–100% Load Change)	<0.15 ms
Output Impedance (Static / Dynamic)	1.5 mΩ / 0.5 Ω @ 100 kHz
Temperature Coefficient	<0.02% / K
Protection Features	Over-/undervoltage protection (±0.3%), thermal shutdown
Trip-Off Behavior	Relay disconnect, red “Bad Status” LED on front panel
Cooling	Integrated DC blower for heatsink and transformer
Connector Type (Power Output)	Rear-mounted standard NIM connector
Remote Interface (optional)	CAN-bus interface via 9-pin Sub-D connector
Control Interface (Local)	Front panel with mains switch and LED indicators

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