

# NEW PRODUCTS 2022/23

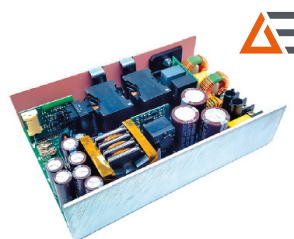
## AEQ Series

- Ultra-miniature size (0.5" cube)
- High Voltage output of 0 Vdc to +/-300 Vdc (dual polarity units with center tap), 0 Vdc to 600 Vdc (floating/reversible units)
- 5 VDC input
- Output fully adjustable over 0 Vdc to maximum rating
- +/-1500 Vdc input to output isolation



## NGB800 Family

- Output Power of 800 W with airflow
- 650 W Convection Cooled
- 5" x 8" x 1.6" Size
- Universal 85-264 Vac Input Range
- UL/CSA/IEC/IEC60601-1, IEC62368-1 Approved



## NGB1200 Family

- Output Power of 1200 W
- 3"W x 10.5"L x 1.6"H Size
- 85-264 Vac Input Range
- Meets Class B Emissions Levels
- For medical and industrial
- IEC/UL/EN62368-1 Approved
- 3 Years Warranty
- -20°C to 70°C Operating Temperature



## ERM100 /ERM150 SERIES

- 100 Watt / 150 W
- ¼ brick DC/DC converter
- High efficiency 91.5% / 90 %
- 36 to 160 Vdc input range
- Low ripple and noise
- High reliability
- RoHH 3.0 compliant
- UL94 V-0 materials



## NDQ900 Series

Non-isolated single output digital control DC/DC converter



## CSU2000ADC

- 2000 W output power
- High power and short form factor
- 1U power supply
- High density design: 62 W/in3
- Uses two-hole terminal lugs to handle



## NEW product line



**Advance Energy** has added a new product line to its range.

SL POWER Electronics is a global leader in the design and manufacture of AC/DC power conversion solutions used by Original Equipment Manufacturers (OEMs) in their mission-critical applications. With more than 60 years of experience in the energy industry, we offer OEMs superior performance with solutions optimized for thermal management, reliability, EMI/EMC, power density and energy efficiency. At SL Power Electronics we specifically target three primary market segments: Medical, LED and Industrial.



## AVE700



- 700 Watts (28 V @ 25 A)
- Input Voltage: 36 – 75 Vdc
- Single Output: 28 V Nom
- Basic isolation
- High power density
- Low output noise
- Remote control function
- Trim function: 50% ~ 118%



## NEW AC/DC & DC/DC for railway applications



- USBR converter is a very cost-effective USB charger (for rail vehicles)
- PMEH series is the highest power model in a new range of highly cost effective
- PMEM series is the intermediate power model in a new range of highly cost effective



## NGB800 Family



- Input : 85-265 Vac, 47-63 Hz or 85-135 Vac, 360-440 Hz
- Each output configurable from 3V3 to 48 Vdc, 100-500 W max.
- 1 to 16 outputs, 4000 W Tot. max.
- Dimensions : 86 x153,5 x 305 mm



**SCAN ME**  
FOR MORE PRODUCT DETAILS



# NEW PRODUCTS 2022/23

## LAPS-R series Power: 8000/12000/16000 or 20000 W

- 19" ACDC power supply with safety interlock
- Double safety interlock / ISO-13849-1 PLe certified
- Very low ripple
- Excellent transient response
- DC input capability
- Solution for: Laser, Semicon, Analytical, Industry, Motor Drive, Telecom/ Broadcasting



## LACS series Power: 3800 - 19000 W

- 19" multiple channel fast current driver system for laser applications with safety interlock
- Complete solution from mains to fiber laser pump diodes and laser diode bars
- Safety interlock system integrated
- Output Voltage: 0-65 V
- Input: 180 V - 528 Vac, 3 Phase + PE. No derating at low line



## USB-C Charger IC352

- For Railway
- 2 x 15 W Dual-Output
- 12 Vin – 24 Vin
- Output Voltage Nominal: 2 x +5.10 Vdc
- Ready for new EU rules
- Dedicated for railway passenger compartments
- Voltage regulation in USB front-end device



## H<sub>2</sub> Genset

### Hydrogen-based power supply for mobile and semi-stationary applications

- Emission-free saving 46 tonnes\* of CO<sub>2</sub> per year
- Low operating costs
- Configurable according to required output level
- Peak power output: 10-20 kW
- Overload power: 5-10 kW
- Output voltage: 230 / 400 Vac, 50 Hz



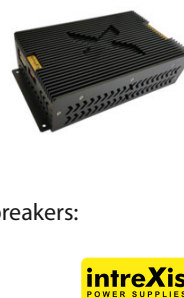
## IC27X DIN Rail DC/DC

50 – 60 W Single-Output  
24 Vin – 110 Vin



## IC343\_6 1000 W Single-Output, 110 Vin

- High efficiency: > 96 % @ 110 Vin, 1000 W
- High extra power for overload: 1300 W for 100 ms
- High peak startup-current: Can source up to 1.6x the nominal output
- High peak short circuit current: trips reliably circuit breakers: 20 A characteristic B, 12 A characteristic C



## EC5DAW series 10 W, 4:1 Input DC/DC Converter

- Voltage range of 9-36 Vdc and 18-74 Vdc
- Complete Size of 0.95" x 0.54" x 0.39"
- Efficiency up to 89%
- Regulated outputs
- Operating case temperature: -40°C to 105 °C



## CBM101S Series 100 W AC/DC Brick

- 100 W in full brick size
- 17 mm Ultra Low Profile
- Efficiency up to 94.5 %
- Built-in EMI Solution
- Wide operating temperature: -40°C to 85 °C



## CFM04S Series

- Input Range 85~305 Vac
- High Efficiency up to 82%
- 0.76" x 1.56" Compact Size
- Class II
- No Load Power <0.075 W
- Approval IEC/EN/UL 62368-1
- Approval EN 55032 Class B
- Design Meets IEC/EN 60335-1



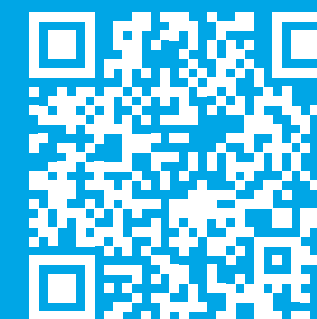
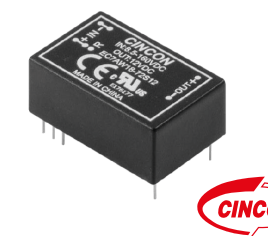
## CFM400S Series 400 W, AC-DC open frame baseplate-cooled power supply

- 80 ~ 264 Vac Wide Input Range
- 400 W 3" x 5" Compact Size
- 370 W Natural Convection
- Operating temperature: -40 ~ 85° C
- Efficiency up to 94 %



## EC7AW18 Series 10 W, 18:1 ultra-wide input DC-DC

- 10 W, 1.25" x 0.8"
- Efficiency up to 88%
- Isolation 3KVAC
- UL 62368-1 & EN 50155 approvals
- Fixed Switching Frequency



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