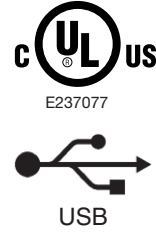




- 12V DC and 24V DC outputs in one module
- Maintenance-free due to durable ultra capacitors
- Reduces wiring time due to integrated energy storage
- Microcontroller based charging and discharging of the Ultra Capacitors
- Input voltage-signal via potential-free contact and LED
- Short overload possible
- Vibration secured wiring via spring loaded plugs
- Wide working temperature range
- Seamless switch over
- Long operational life
- Compact and convection cooled
- Environmentally safe and free of toxic chemicals
- UL Listed
- USB Interface



Part No.	C-TEC1210-1	C-TEC2410-1
Model Number	NCPA0609G01002	NCPA0609G01002

INPUT

NOMINAL INPUT VOLTAGE	12 V DC \pm 12.5%	24 V DC \pm 12.5 %
NOMINAL FREQUENCY	—	—
MAX NOMINAL INPUT CURRENT	10 A	10 A

OUTPUT

NOMINAL OUTPUT VOLTAGE IN MAINS OPERATION	12 V	24 V
NOMINAL OUTPUT VOLTAGE IN BUFFER OPERATION	11.7 V \pm 4%	22.6 V \pm 2%
NOMINAL OUTPUT CURRENT	10 A DC	10 A DC
EFFICIENCY	>90%	>90%

GENERAL DATA

BUFFER TIME	DEPENDENT ON THE LOAD
ENERGY CONTENT	1 KJ
DEGREE OF PROTECTION	IP20
OPERATING TEMP.	-40 to 60 °C
STORAGE TEMP.	-40 to 60 °C
RELATIVE HUMIDITY	95 % non-condensing
MAX ALTITUDE (without derating)	2000 m. above sea-level
DIMENSIONS	165 mm x 70 mm x 138 mm (6.49in. x 2.75in. x 5.43in.)
WEIGHT	1.2 Kg. (2.65lbs.)
MOUNTING	35 mm DIN Rail (panel mount available, contact Altech)
NORMS AND REGULATIONS	EN 50178; EN 60950
UL LISTING	UL 508; C22.2 No. 107.1-01

