



- 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
- Cost effective over time
- UL Listed



Part No.	C-TEC2425 P
Model Number	NCPA1301G10001

INPUT

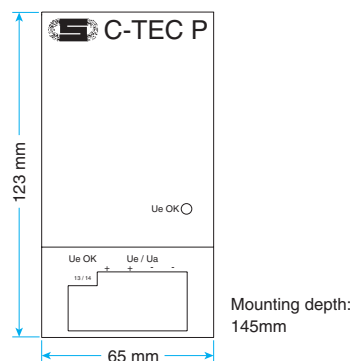
NOMINAL INPUT VOLTAGE	24 V DC $\pm 10\%$
MIN NOMINAL INPUT VOLTAGE FOR CHARGING MODE	22 V DC
MAX NOMINAL INPUT CURRENT	28 A DC
MAX CHARGING CURRENT	3 A DC

OUTPUT

NOMINAL OUTPUT VOLTAGE IN MAINS OPERATION	24 V DC $\pm 10\%$
NOMINAL OUTPUT VOLTAGE IN BUFFER OPERATION	24.5 V-19 V DC $\pm 2\%$
NOMINAL OUTPUT CURRENT	25 A DC
EFFICIENCY	>90%

GENERAL DATA

BUFFER TIME	DEPENDENT ON THE LOAD
ENERGY CONTENT	1.2 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	123 mm x 65 mm x 145 mm (4.84in. x 2.55in. x 5.7in.)
WEIGHT	.8Kg. (1.76lbs.)
MOUNTING	35 mm DIN Rail (panel mount available, contact Altech)
NORMS AND REGULATIONS	EN 50178; EN 60950; EN 61000-6-4 EN 61000-6-2; EN 60068-2-6; EN 60068-2-27
UL LISTING	UL 508; C22.2 No. 107.1-01



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