



- Battery charger with I/U-charging characteristics
- Active power factor correction (PFC)
- Battery management by micro-controller
- Battery voltage tracking of the charging voltage by external sensor module (optional)
- The AKKUTEC is virtually maintenance free
- Internal battery testing and extended battery life
- Wide operating temperatures
- Compact and convection cooled
- Resists shocks and vibrations
- Seamless switch overs
- Simple installation
- Cost effective over time

Part No.	AKKUTEC2420
Model Number	NBPA0347G01001

INPUT

NOMINAL INPUT VOLTAGE	230 V AC -15 % +10 %
NOMINAL FREQUENCY	50/60 Hz
SYSTEM VOLTAGE	24 V DC
NOMINAL INPUT CURRENT	2.7 A

OUTPUT

MAX CHARGING CURRENT	22 A
NOMINAL OUTPUT VOLTAGE	24 V DC
OUTPUT VOLTAGE WITH TEMP. SENSOR	19.8 V DC - 27.8 V DC
OUTPUT VOLTAGE WITHOUT TEMP SENSOR	19.8 V DC - 26.8 V DC
MAX NOMINAL OUTPUT CURRENT	20 A DC
EFFICIENCY	88.80%

GENERAL DATA

BUFFER TIME	DEPENDENT ON BATTERY AND THE LOAD
BATTERY TYPE	Pb-Akku
DEGREE OF PROTECTION	IP20
OPERATING TEMP.	0 to 40 °C
STORAGE TEMP.	0 to 50 °C
RELATIVE HUMIDITY	Max. 95 % non-condensing
MAX ALTITUDE (without derating)	2000 m. above sea-level
DIMENSIONS	241mm x 101mm x 244 mm (9.48in. x 3.97in. x 9.6in.)
WEIGHT	2.4Kg. (5.29lbs.)
MOUNTING	Panel Mount
NORMS AND REGULATIONS	EN 50178; EN 55011; EN 50082-1
UL LISTING	N/A

