

AKKUTEC RANGE OF ONLINE DC-UPS FROM 48WATTS TO 960 WATTS

Operation modes:

Stand by parallel operation, buffer battery system.

Battery management by micro processor.

Isolation to EN 61558-2-17 and Class I protection.
EMC to EN 55011 and EN 50082-2.

Battery test and circuit disconnect functions.



The AKKUTEC range of online DC-UPS modules work using external batteries for energy storage.

Ranges include 24V 2A~20A DC with 1ph input, 24V 20~40A DC with 3ph input, 24V 2.85A DC with 24V DC input and 12V 2.85A~10A DC with 1ph input.

If the DC power is interrupted the energy stored in the batteries is released. The load is energised from the battery bank until it is discharged. The backup time is dependant on the batteries used. The modules incorporate potential free output control and LEDs indicate mains operation and general errors. The battery management is controlled by micro processor.

The output characteristic is to I/U DIN 41773-1 and leakage current is <3.5mA.

Please contact our sales department for more information and dimensions.

1ph AC input and 24V DC input 24V DC output

Reference	Input voltage	Rated output V + charging V	Load current DC	Max charging current	Weight (kg)
AKKUTEC 2402-0	115~230V +/-15% 50/60Hz	24V DC 26.4V...19V	2A	2.1A	0.3
AKKUTEC 2403-0	230V +/-15% 50/60Hz	24V DC 26.4V...19V	2.85A	2.85A	0.35
AKKUTEC 2403-DC	24V DC +/-15%	24V DC 26.4V...19V	2.85A	2.85A	0.35
AKKUTEC 2405-0	115~230V +/-15% 50/60Hz	24V DC 26.4V...19V	5A	7A	1.1
AKKUTEC 2410-0	115~230V +/-15% 50/60Hz	24V DC 26.4V...19V	10A	11A	1.6
AKKUTEC 2420-0	230V +/-15% 50/60Hz	24V DC 26.4V...19V	20A	21A	2.4



3ph AC input 24V DC output

Reference	Input voltage	Rated output V + charging V	Load current DC	Max charging current	Weight (kg)
AKKUTEC 2420-3	3 x 400~500V -15% +10% 50/60Hz	24V DC 26.4V...19V	20A	22A	2.6
AKKUTEC 2440-3	3 x 400~500V -15% +10% 50/60Hz	24V DC 26.4V...19V	40A	42A	3.0



1ph AC input 12V DC output

Reference	Input voltage	Rated output V + charging V	Load current DC	Max charging current	Weight (kg)
AKKUTEC 1203	230V +/-15% 50/60Hz	12V DC 9.9...13.2V	2.85A	2.85A	0.35
AKKUTEC 1205 USB	115~230V +/-15% 50/60Hz	12V DC 9.9...13.2V	5A	6A	1.1
AKKUTEC 1210	230V +/-15% 50/60Hz	12V DC 9.9...13.2V	10A	12A	1.6



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