

Product data sheet

Specifications



APC Back-UPS 425VA, 120V, 6 NEMA outlets (2 surge)

BE425M

Overview

Lead time Usually in Stock

Main

| | |
|------------------------|------------------------------------|
| Main Input Voltage | 120 V |
| Main Output Voltage | 120 V |
| Rated power in W | 255 W |
| Rated power in VA | 425 VA |
| Input Connection Type | NEMA 5-15P |
| Output connection type | 4 NEMA 5-15R 2 NEMA 5-15R surge |
| Cable length | 5 ft (1.52 m) |
| Number of cables | 1 |
| Battery Type | Lead-Acid battery |
| Provided equipment | User Manual |

General

| | |
|-------------------------------------|----|
| Number of power module free slots | 0 |
| Number of power module filled slots | 0 |
| Redundant | No |

Physical

| | |
|---------------------|----------------------|
| Color | Black |
| Height | 5.52 in (14.02 cm) |
| Width | 9.98 in (25.35 cm) |
| Depth | 4.13 in (10.5 cm) |
| Net Weight | 5.73 lb(US) (2.6 kg) |
| Mounting preference | No preference |
| Mounting Mode | Not rack-mountable |
| Two post mountable | 0 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|----------------|----|
| USB compatible | No |
|----------------|----|

Input

| | |
|---------------------------------|--------------------------------|
| Input Frequency | 50/60 Hz +/- 3 Hz auto-sensing |
| Efficiency at full load | 88...139 V |
| Maximum Input Current per Phase | 5 A |
| Switching current capacity | 7 A |

Output

| | |
|----------------------------------|---------------------------------|
| Max Configurable Power (Watts) | 255 W |
| Output frequency | 50/60 Hz +/- 3 Hz sync to mains |
| Topology | Standby |
| Waveform Type | Square wave |
| Graph start point | 10 |
| Maximum configurable power in VA | 425 VA |
| Transfer Time | 6ms typical : 10ms maximum |

Conformance

| | |
|-----------------------------|--|
| Product Certifications | California (CEC) Battery Charger cTUVus |
| Equipment protection policy | Lifetime : \$75000 |

Environmental

| | |
|---------------------------------------|----------------------------------|
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C) |
| Relative Humidity | 0...95 % |
| Operating altitude | 0...10000 ft |
| Ambient Air Temperature for Storage | -4...122 °F (-20...50 °C) |
| Storage Relative Humidity | 0...95 % |
| Storage altitude | 0...50000 ft (0.00...15240.00 m) |
| Acoustic level | 40 dBA |

Batteries & Runtime

| | |
|------------------------------|--|
| Included Battery Modules | 0 |
| Battery Slots Empty | 0 |
| Typical recharge time | 8 h |
| Battery Charge Power (Watts) | 6 W rated |
| Battery power in VAh | 47 VAh runtime |
| Battery Life | 3...5 year(s) |
| Battery graph comments | This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several variables including battery age, battery charge level, environmental conditions and characteristics of the connected load. |
| Extendable Run Time | 0 |

Communications & Management

Control panel LED Status display with On Line : On Battery

Surge Protection and Filtering

Surge energy rating 180 J

Ordering and shipping details

GTIN 731304329343

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 8.66 in (22 cm)

Package 1 Width 5.51 in (14 cm)

Package 1 Length 12.40 in (31.5 cm)

Package 1 Weight 6.61 lb(US) (3 kg)

SCC14 10731304329340

Offer Sustainability

Sustainable offer status Green Premium product

California proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

REACH Regulation [REACH Declaration](#)

EU RoHS Directive Compliant
[EU RoHS Declaration](#)

Mercury free Yes

RoHS exemption information [Yes](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

Optimized Energy Efficiency Energy efficient product

Take-back Take-back program available

Contractual warranty

Warranty 3 years repair or replace

Recommended replacement(s)