

Product data sheet

Specifications



Galaxy VS UPS 30kW 400V for External Batteries, Start-up 5x8

GVSUPS30KHS

Overview

Presentation

Highly efficient, easy-to-deploy 30kW, 400V 3-phase uninterruptible power supply (UPS) that brings best-in-class power protection to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Compact design, high-density technology and modular architecture keep total cost of ownership low and operational efficiency at the highest levels. Galaxy VS reduces your energy losses by up to 66% with the patented EConversion mode – reaching up to 99% efficiency levels and delivering more energy savings than even our industry-leading 97% efficiency in normal operating mode. The UPS is EcoStruxure-ready to give you peace of mind with cloud-based remote monitoring and management via your smartphone. Includes 5x8 start-up service. For battery runtime details, see the runtime charts published under the Documents tab.

Lead time

Usually Ships within 2 Weeks

Main

Main Input Voltage

400 V 3 phase

Other Input Voltage

380 V
415 V

Main Output Voltage

400 V 3 phase

Other Output Voltage

380 V
415 V

Kw Rating

30 kW

Rated power in VA

30 kVA

Output connector type

Hard Wire 5-wire (3PH + N + G) 1

Battery type

External battery system
Li-Ion (Lithium Ion)
VRLA

Provided equipment

Dust filter
Installation guide
Integrated network management
Power modules ship installed
Start-Up Service
Top and bottom cable entry

Batteries & Runtime

Included Battery Modules

0

Battery Slots Empty

0

Battery voltage

384-576VDC

End of Discharge Battery Voltage

307 V DC

End of Discharge Maximum Battery Current

102 A

Battery power in VAh

0 VAh runtime

| | |
|---------------------|---|
| Extendable Run Time | 0 |
|---------------------|---|

General

| | |
|--------------------------|----------|
| Bypass Voltage Tolerance | +/- 10 % |
|--------------------------|----------|

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|--------------------------|------|
| Max Bypass Input Current | 48 A |
|--------------------------|------|

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|-----------|----|
| Redundant | No |
|-----------|----|

Physical

| | |
|-------|-------|
| Color | White |
|-------|-------|

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|--------|---------------------|
| Height | 58.46 in (148.5 cm) |
|--------|---------------------|

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|-------|--------------------|
| Width | 20.51 in (52.1 cm) |
|-------|--------------------|

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|-------|--------------------|
| Depth | 33.35 in (84.7 cm) |
|-------|--------------------|

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|------------|------------------------|
| Net Weight | 454.15 lb(US) (206 kg) |
|------------|------------------------|

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

Input

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|-----------------|------------|
| Input Frequency | 40 - 70 Hz |
|-----------------|------------|

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|----------------------------|--|
| Number of input connectors | 1 Hard Wire 4-wire (3PH + G) 1 Hard Wire 5-wire (3PH + N + G) |
|----------------------------|--|

| | |
|-------------------------|-------------------|
| Efficiency at full load | 340...460 V 400 V |
|-------------------------|-------------------|

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|---------------------------------|------|
| Maximum Input Current per Phase | 56 A |
|---------------------------------|------|

| | |
|---------------------------------------|-------|
| Maximum Short Circuit Withstand (Icw) | 65 kA |
|---------------------------------------|-------|

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|---------------------------------|----------------------------|
| Input Total Harmonic Distortion | Less than 3% for full load |
|---------------------------------|----------------------------|

| | |
|-------------------|--|
| Load power factor | From 0.7 leading to 0.7 lagging without any derating |
|-------------------|--|

| | |
|---------------------------------|------|
| Input Power Factor at Full Load | 0.99 |
|---------------------------------|------|

Output

| | |
|--------------------------------|-------|
| Max Configurable Power (Watts) | 30 kW |
|--------------------------------|-------|

| | |
|---------------------|--------------|
| Harmonic distortion | Less than 3% |
|---------------------|--------------|

| | |
|----------------------------------|--|
| Output Frequency (sync to mains) | 50 Hz sync to mains 60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced 50 Hz +/- 0.1 % for 50 Hz nominal not synced |
|----------------------------------|--|

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|--------------|-----|
| Crest factor | 2.5 |
|--------------|-----|

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|---------------|-----------|
| Waveform Type | Sine wave |
|---------------|-----------|

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|--------------------------|------------------|
| Output voltage tolerance | +/-1% after 50ms |
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|--------------------|---|
| Output Voltage THD | < 1% linear load and < 3% non-linear load |
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| Overload Operation | 10 minutes @ 125% and 60 seconds @ 150% |
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|-------------|------------------------|
| Bypass type | Built-in Static Bypass |
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|----------------------------------|--------|
| Maximum configurable power in VA | 30 kVA |
|----------------------------------|--------|

Conformance

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|-----------|--|
| Standards | CSA C22.2 No 107.3 EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 FCC Part 15 class A IEC 60721-4-2 Level 2M2 |
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Environmental

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|---------------------------------------|----------------------------------|
| Ambient air temperature for operation | 32...104 °F (0...40 °C) |
| Relative Humidity | 0...95 % non-condensing |
| Operating altitude | 0...3281 ft |
| Ambient Air Temperature for Storage | -13...131 °F (-25...55 °C) |
| Storage Relative Humidity | 10...80 % non-condensing |
| Storage altitude | 0...50000 ft (0.00...15240.00 m) |
| Acoustic level | 65 dBA |
| Heat dissipation | 2922.4 Btu/h |
| IP degree of protection | IP21 |

Communications & Management

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|---------------|---------------------------------|
| Free slots | 1 |
| Control panel | Touch Screen LCD User Interface |

Ordering and shipping details

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|------|--------------|
| GTIN | 731304342717 |
|------|--------------|

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 66.14 in (168 cm) |
| Package 1 Width | 38.98 in (99 cm) |
| Package 1 Length | 25.20 in (64 cm) |
| Package 1 Weight | 518.09 lb(US) (235 kg) |

Offer Sustainability

| | |
|-----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Under investigation |
| China RoHS Regulation | China RoHS declaration |
| 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

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|----------|---|
| Warranty | 1 year on-site repair or replace with factory authorized Start-Up |
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Recommended replacement(s)