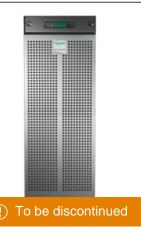
# Product data sheet Characteristics

## G35T15KF2B4S

MGE Galaxy 3500 15kVA 208V with 2 Battery Modules Expandable to 4, Start-up 5X8



#### Commercial status

Discontinued on: 14 January 2021

To be end-of-service on: 31 December 2030

#### Overview

| Lead time | Usually Ships within 2 Weeks |
|-----------|------------------------------|
|           |                              |

#### General

| General                             |   | -  |
|-------------------------------------|---|--|
| Provided equipment                  | Battery modules ship installed Bolt down brackets CD with software Installation guide Network management card Power modules ship installed Smart UPS signalling RS-232 cable Start-up service User manual | History of the control of the contro |
| Performance multiplier              | 1   |  |
| Number of power module free slots   | 0   |  |
| Number of power module filled slots | 0   |  |
| Redundant                           | No  |  |
| UPS size                            | WS  |  |
| Value multiplier                    | 1   |  |

#### Physical

| Depth               | 83.8 cm            |   |
|---------------------|--------------------|---|
| Height              | 149.1 cm           | 3 |
| Mounting preference | No preference      |   |
| Net weight          | 415 kg             |   |
| Mounting mode       | Not rack-mountable |   |
| Two post mountable  | 0                  |   |
| USB compatible      | No                 |   |
| Width               | 52.3 cm            |   |

#### Input

| Network frequency          | 4070 Hz auto-sensing            |
|----------------------------|---------------------------------|
| Number of input connectors | 1 hard wire 5-wire (3P + N + E) |

| Input voltage limits | 160240 V                   |
|----------------------|----------------------------|
| Input voltage        | 208 V 3 phases             |
| Load power factor    | 0.5 leading to 0.5 lagging |
| Cos phi              | 0.98                       |

### Output

| Rated power in W                 | 12000 W  |
|----------------------------------|--|
| Maximum configurable power in W  | 12000 W  |
| Output frequency                 | 5763 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised   |
| Crest factor                     | Unlimited  |
| UPS type                         | Double conversion online   |
| Wave type                        | Sine wave  |
| Connections - terminals          | 1 screw terminals  |
| Output connector type            | Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1  |
| Output voltage tolerance         | +/- 5% static and 100% load step   |
| Output harmonic distortion       | < 2% linear load and < 4% non-linear load  |
| Bypass type                      | Built-in maintenance bypass Built-in static bypass   |
| Curve equation                   | Efficiency   |
| Curve fixed loss                 | 0.018  |
| Curve load maximum               | 100 %  |
| Curve load minimum               | 2 %  |
| Curve proportional loss          | 0.0253   |
| Curve square loss                | 0.0321   |
| Curve X-axis maximum             | 100 %  |
| Curve test cond ID               | Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced PF = 0.8 output. |
| Curve X-axis minimum             | 0 %  |
| Curve X-axis title               | Load   |
| Curve X-axis units               | Percentage   |
| Curve Y-axis maximum             | 100 %  |
| Curve Y-axis minimum             | 50 %   |
| Curve Y-axis title               | Efficiency   |
| Curve Y-axis units               | Percentage   |
| Graph display                    | 1  |
| Output voltage                   | 208 V 3 phases   |
| Maximum configurable power in VA | 15000 VA   |
| Rated power in VA                | 15000 VA   |

#### Conformance

| Product certifications | CUL listed<br>CSA<br>UL 1778                |
|------------------------|---|
| Standards              | CSA C22.2 No 107.1<br>ISO 14001<br>ISO 9001 |

#### Environmental

| Ambient air temperature for operation | 040 °C   |
|---------------------------------------|----------|
| Relative humidity                     | 095 %    |
| Operating altitude                    | 03333 ft |
| Ambient air temperature for storage   | -1545 °C |

| Storage altitude          | 0.0015240.00 m |
|---------------------------|----------------|
| Acoustic level            | 51.3 dBA       |
| Heat dissipation          | 2989 Btu/h     |
| Show note OP temperature  | No             |
| NEMA degree of protection | NEMA 12        |
| IP degree of protection   | IP51           |

### Batteries & Runtime

| Battery type                           | Lead-acid battery  |  |
|--|--|--|
| Number of battery filled slots         | 2  |  |
| Number of battery free slots           | 2  |  |
| Battery recharge time                  | 5 h  |  |
| Number of battery replacement quantity | 2  |  |
| Additional information                 | Configurable for 200 : 208 or 220V 3 Phase nominal output voltage  |  |
| Liquid value                           | 0  |  |
| Battery voltage                        | +/- 192 V (split battery referenced to neutral)  |  |
| Discharge battery voltage              | +/- 154 V  |  |
| Battery curve                          | В  |  |
| Battery charger power                  | 1015 W rated   |  |
| Battery power in VAH                   | 5084 VAh runtime   |  |
| Battery life                           | 35 year(s)   |  |
| Battery option                         | SYBT4 1 7321 VAh<br>SYBT4 2 9704 VAh<br>G35TBXR6B6 1 19396 VAh<br>G35TBXR6B6 2 34233 VAh<br>G35TBXR6B6 3 49194 VAh<br>G35TBXR6B6 4 64347 VAh |  |
| Battery graph comments                 | Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output. |  |
| Extended runtime                       | 0  |  |

### Communications & Management

## Packing Units

| Package 1 Weight | 445.91 kg |  |
|------------------|-----------|--|
| Package 1 Height | 164.3 cm  |  |
| Package 1 width  | 65 cm     |  |
| Package 1 Length | 106.2 cm  |  |

### Offer Sustainability

| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
|----------------------------|--|
| Mercury free               | Yes  |
| RoHS exemption information | Yes  |

#### Contractual warranty

| •        |                          |
|----------|--------------------------|
| Warranty | 1 year repair or replace |