



## MATERIAL FACT SHEET

### 409900 FR-XC-18.5K-PWM

#### General Data

|                     |                                        |
|---------------------|----------------------------------------|
| Product Hierarchy   | IAK21201                               |
|                     | INVERTER                               |
|                     | NEW EXTERNAL OPTIONS                   |
| Ext. Material Group | 10 STANDARD ITEM                       |
| ABC Indicator       | C (Non-Stock Material / Make-to-Order) |

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_1A/EUR/en/p/000000000000409900](https://mitsubishi-electric-eshop.mee.com/mee/FA_1A/EUR/en/p/000000000000409900)

#### FA-Inverter: External Option

|                   |                              |
|-------------------|------------------------------|
| Series            | REGENERATIVE CONVERTER       |
| Type              | FR-XC REGENERATION CONVERTER |
| Network Interface | RS485                        |
| Protection Class  | IP00                         |

#### Product Dimensions & Weight

|             |      |
|-------------|------|
| Width (mm)  | 150  |
| Height (mm) | 380  |
| Depth (mm)  | 300  |
| Weight (kg) | 10,5 |

#### Logistic Dimensions & Gross Weight

|                   |        |
|-------------------|--------|
| Length (cm)       | 46,0   |
| Width (cm)        | 23,0   |
| Height (cm)       | 36,0   |
| Gross Weight (kg) | 12,350 |
| Volume (cdm)      | 38,088 |

#### Stock Data

|                              |     |
|------------------------------|-----|
| Planned Delivery Time (Days) | 296 |
|------------------------------|-----|

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 01.12.2018     |
| Predecessor | No Predecessor |

#### Additional Product Information

|                  |    |
|------------------|----|
| Battery included | NO |
|------------------|----|

#### Export Data

|                                          |            |
|------------------------------------------|------------|
| Legal Control (Dual Use List)            | Not Listed |
| Country of Origin                        | Japan (JP) |
| Preference Status (Supplier Declaration) | Non EU     |

#### Environmental

|                            |           |
|----------------------------|-----------|
| Dangerous Goods Class      | NO        |
| Dangerous Goods Identifier | NO        |
| RoHS Compliance            | COMPLIANT |
| WEEE                       | B2B       |

#### Conformity

|        |           |
|--------|-----------|
| CE     | COMPLIANT |
| UL/cUL | COMPLIANT |
| UKCA   | COMPLIANT |

## Documentation & Media Data

|                            |                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator       | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-XC-18.5K-PWM&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-XC-18.5K-PWM&amp;doc-lang=en</a> |
| Certificates URL Indicator | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-XC-18.5K-PWM&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-XC-18.5K-PWM&amp;doc-lang=en</a> |
| CAD URL Indicator          | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=FR-XC-18.5K-PWM&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=FR-XC-18.5K-PWM&amp;doc-lang=en</a> |

## Product Packaging

|                   |      |
|-------------------|------|
| Cardboard (g)     | 1800 |
| Other paper (g)   | 0    |
| Aluminum (g)      | 0    |
| Steel (g)         | 0    |
| Styrofoam (g)     | 0    |
| Other plastic (g) | 20   |
| Wood (g)          | 0    |
| Glass (g)         | 0    |
| Others (g)        | 0    |

## Compatible products

| Material               | Description / Price List Text / Classification                                                                                                |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">409921</a> | FR-XCB-18.5K<br>Reactor box-type 18,5 kW for FR-XC-18,5K-PWM; Harmonic suppression mode<br>Class 100100403: FA-Inverter: External Option      |
| <a href="#">410438</a> | FR-XCB-18.5K-60<br>Reactor box-type 18,5 kW for FR-XC-18,5K-60PWM; Harmonic suppression mode<br>Class 100100403: FA-Inverter: External Option |
| 410448                 | FR-XCCP03<br>Converter installation frame for enclosure 3<br>Class 100100403: FA-Inverter: External Option                                    |