

# CERTIFICATE



No. 4Q240905.FECD62

Test Report / Technical Construction File no. CTICX21243040082801FAR

Certificate's Holder: FRECON ELECTRIC (SHENZHEN) CO.,LTD  
Second floor, No.3 Zhenbao Industrial Zone, No.137 Shiyan Road, Shiyan Street, Bao'an District, Shenzhen, China

Certification  
ECM Mark



Product: Inverter  
Model(s): *(see the following annex)*

Verification to: Standard:  
IEC 61683:1999, EN 61683:2000

related to CE Directive(s):  
2014/35/EU (Low Voltage)

**Remark:**

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGVOL01 published on the website of [www.entecerma.it](http://www.entecerma.it) and concerning voluntary certifications with a non-notified procedure.

**Issuance date: 05 September 2024****Expiry date: 04 September 2029**

For online check:



Approver  
Ente Certificazione Macchine  
Legal Representative  
Luca Bedonni





# Annex I

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## Model(s):

PV150A-2S-0.4B-H, PV150A-2S-0.7B-H, PV150A -2S-1.5B-H, PV150A -2S-2.2B-H,  
 PV150A-2S-4.0B-H, PV150A-2S-5.5B-H, PV150A -2S-7.5B-H, PV150A -2S-011B-H,  
 PV150I-2S-0.4B-H, PV150I-2S-0.7B-H, PV150I -2S-1.5B-H, PV150I -2S-2.2B-H,  
 PV150I-2S-4.0B-H, PV150I-2S-5.5B-H, PV150I -2S-7.5B-H, PV150A-4T-0.7B-H,  
 PV150A-4T-1.5B-H, PV150A-4T-2.2B-H, PV150A-4T-4.0B-H, PV150A-4T-5.5B-H,  
 PV150A-4T-7.5B-H, PV150A-4T-011B-H, PV150A-4T-015B-H, PV150A-4T-018B-H,  
 PV150A-4T-022B-H, PV150A-4T-030B-H, PV150A-4T-037B-H, PV150A-4T-045-H,  
 PV150A-4T-055-H, PV500-4T-0.7B-H, PV500-4T-1.5B-H, PV500-4T-2.2B-H,  
 PV500-4T-4.0B-H, PV500-4T-5.5B-H, PV500-4T-7.5B-H, PV500-4T-011B-H,  
 PV500-4T-015B-H, PV500-4T-018B-H, PV500-4T-022B-H, PV500-4T-030B-H,  
 PV500-4T-037-H, PV500-4T-045-H, PV500-4T-055-H, PV500-4T-075-H,  
 PV500-4T-090-H, PV500-4T-110-H, PV500-4T-132-H, PV500-4T-160-H,  
 PV500-4T-4.0B-HV-H, PV500-4T-5.5B-HV-H, PV500-4T-7.5B-HV-H,  
 PV500-4T-011B-HV-H, PV500-4T-015B-HV-H, PV500-4T-018B-HV-H,  
 PV500-4T-022B-HV-H, PV500-4T-030B-HV-H, PV580-2S-0.4-H, PV580-2S-0.7-H,  
 PV580-2S-1.5-H, PV580-2S-2.2-H, PV580-2S-3.0-H, PV580-2S-4.0-H, PV580-2S-5.5-H,  
 PV580-2S-7.5-H, PV580-2S-011-H, PV580-2S-015-H, PV580-4T-0.4-H,  
 PV580-4T-0.7-H, PV580-4T-1.5-H, PV580-4T-2.2-H, PV580-4T-4.0-H, PV580-4T-5.5-H,  
 PV580-4T-7.5-H, PV580-4T-011-H, PV580-4T-015-H, PV580-4T-018-H,  
 PV580-4T-022-H, PV580-4T-030-H, PV580-4T-037-H, PV580-4T-045-H,  
 PV580-4T-055-H, PV580-4T-075-H, PV580-4T-090-H, PV580-4T-110-H,  
 PV580-4T-132-H, PV580-4T-160-H, PV530-2S-0.4-H, PV530-2S-0.7-H,  
 PV530-2S-1.5-H, PV530-2S-2.2-H, PV530-2S-3.0-H, PV530-4T-4.0-H,  
 PV530-4T-5.5-H, PV530-4T-7.5-H, PV530-4T-011-H, PV530-4T-015-H,  
 PV530-4T-018-H, PV530-4T-022-H, PV530-4T-030-H, PV530-4T-037-H,  
 SP520 PLUS-3500-24, SP520 PLUS-3500-24H-H, SP520 PLUS-5500-48H-H,  
 SP520-1200-24H-H, SP520-1200-24H-C, SP520-2400-24H-H, SP520-2400-24H-C,  
 SP520-3500-24H, SP520-5500-48H, SP600-3500-24H-H, SP600-5500-48H-H,  
 SP600-8000-48H-H, SP600-11000-48H-H