



CVE-2019-19228

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2019-19228
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-12-04 19:15:00 UTC
Updated	2019-12-16 14:10:00 UTC
Description	Fronius Solar Inverter devices before 3.14.1 (HM 1.12.1) allow attackers to bypass authentication because the password fo

Risk And Classification

Problem Types: CWE-312

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Fronius	Datamanager Box 2.0	-	All	All	All
Hardware	Fronius	Datamanager Box 2.0	-	All	All	All
Operating System	Fronius	Datamanager Box 2.0 Firmware	All	All	All	All
Operating System	Fronius	Datamanager Box 2.0 Firmware	All	All	All	All
Hardware	Fronius	Eco 25.0-3-s	-	All	All	All
Hardware	Fronius	Eco 25.0-3-s	-	All	All	All
Operating System	Fronius	Eco 25.0-3-s Firmware	All	All	All	All
Operating System	Fronius	Eco 25.0-3-s Firmware	All	All	All	All
Hardware	Fronius	Eco 27.0-3-s	-	All	All	All
Hardware	Fronius	Eco 27.0-3-s	-	All	All	All
Operating System	Fronius	Eco 27.0-3-s Firmware	All	All	All	All
Operating System	Fronius	Eco 27.0-3-s Firmware	All	All	All	All
Hardware	Fronius	Galvo 1.5-1	-	All	All	All
Hardware	Fronius	Galvo 1.5-1	-	All	All	All
Hardware	Fronius	Galvo 1.5-1 208-240	-	All	All	All
Hardware	Fronius	Galvo 1.5-1 208-240	-	All	All	All
Operating System	Fronius	Galvo 1.5-1 208-240 Firmware	All	All	All	All

Operating System	Fronius	Galvo 1.5-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Galvo 1.5-1 Firmware	All	All	All	All
Operating System	Fronius	Galvo 1.5-1 Firmware	All	All	All	All
Hardware	Fronius	Galvo 2.0-1	-	All	All	All
Hardware	Fronius	Galvo 2.0-1	-	All	All	All
Hardware	Fronius	Galvo 2.0-1 208-240	-	All	All	All
Hardware	Fronius	Galvo 2.0-1 208-240	-	All	All	All
Operating System	Fronius	Galvo 2.0-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Galvo 2.0-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Galvo 2.0-1 Firmware	All	All	All	All
Operating System	Fronius	Galvo 2.0-1 Firmware	All	All	All	All
Hardware	Fronius	Galvo 2.5-1	-	All	All	All
Hardware	Fronius	Galvo 2.5-1	-	All	All	All
Hardware	Fronius	Galvo 2.5-1 208-240	-	All	All	All
Hardware	Fronius	Galvo 2.5-1 208-240	-	All	All	All
Operating System	Fronius	Galvo 2.5-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Galvo 2.5-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Galvo 2.5-1 Firmware	All	All	All	All
Operating System	Fronius	Galvo 2.5-1 Firmware	All	All	All	All
Hardware	Fronius	Galvo 3.0-1	-	All	All	All
Hardware	Fronius	Galvo 3.0-1	-	All	All	All
Operating System	Fronius	Galvo 3.0-1 Firmware	All	All	All	All
Operating System	Fronius	Galvo 3.0-1 Firmware	All	All	All	All
Hardware	Fronius	Galvo 3.1-1	-	All	All	All
Hardware	Fronius	Galvo 3.1-1	-	All	All	All
Hardware	Fronius	Galvo 3.1-1 208-240	-	All	All	All
Hardware	Fronius	Galvo 3.1-1 208-240	-	All	All	All
Operating System	Fronius	Galvo 3.1-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Galvo 3.1-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Galvo 3.1-1 Firmware	All	All	All	All
Operating System	Fronius	Galvo 3.1-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 10.0-1 208-240	-	All	All	All
Hardware	Fronius	Primo 10.0-1 208-240	-	All	All	All
Operating System	Fronius	Primo 10.0-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 10.0-1 208-240 Firmware	All	All	All	All

Hardware	Fronius	Primo 11.4-1 208-240	-	All	All	All
Hardware	Fronius	Primo 11.4-1 208-240	-	All	All	All
Operating System	Fronius	Primo 11.4-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 11.4-1 208-240 Firmware	All	All	All	All
Hardware	Fronius	Primo 12.5-1 208-240	-	All	All	All
Hardware	Fronius	Primo 12.5-1 208-240	-	All	All	All
Operating System	Fronius	Primo 12.5-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 12.5-1 208-240 Firmware	All	All	All	All
Hardware	Fronius	Primo 15.0-1 208-240	-	All	All	All
Hardware	Fronius	Primo 15.0-1 208-240	-	All	All	All
Operating System	Fronius	Primo 15.0-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 15.0-1 208-240 Firmware	All	All	All	All
Hardware	Fronius	Primo 3.0-1	-	All	All	All
Hardware	Fronius	Primo 3.0-1	-	All	All	All
Operating System	Fronius	Primo 3.0-1 Firmware	All	All	All	All
Operating System	Fronius	Primo 3.0-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 3.5-1	-	All	All	All
Hardware	Fronius	Primo 3.5-1	-	All	All	All
Operating System	Fronius	Primo 3.5-1 Firmware	All	All	All	All
Operating System	Fronius	Primo 3.5-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 3.6-1	-	All	All	All
Hardware	Fronius	Primo 3.6-1	-	All	All	All
Operating System	Fronius	Primo 3.6-1 Firmware	All	All	All	All
Operating System	Fronius	Primo 3.6-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 3.8-1 208-240	-	All	All	All
Hardware	Fronius	Primo 3.8-1 208-240	-	All	All	All
Operating System	Fronius	Primo 3.8-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 3.8-1 208-240 Firmware	All	All	All	All
Hardware	Fronius	Primo 4.0-1	-	All	All	All
Hardware	Fronius	Primo 4.0-1	-	All	All	All
Operating System	Fronius	Primo 4.0-1 Firmware	All	All	All	All
Operating System	Fronius	Primo 4.0-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 4.6-1	-	All	All	All
Hardware	Fronius	Primo 4.6-1	-	All	All	All
Operating System	Fronius	Primo 4.6-1 Firmware	All	All	All	All

Operating System	Fronius	Primo 4.6-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 5.0-1	-	All	All	All
Hardware	Fronius	Primo 5.0-1	-	All	All	All
Hardware	Fronius	Primo 5.0-1 208-240	-	All	All	All
Hardware	Fronius	Primo 5.0-1 208-240	-	All	All	All
Operating System	Fronius	Primo 5.0-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 5.0-1 208-240 Firmware	All	All	All	All
Hardware	Fronius	Primo 5.0-1 Aus	-	All	All	All
Hardware	Fronius	Primo 5.0-1 Aus	-	All	All	All
Operating System	Fronius	Primo 5.0-1 Aus Firmware	All	All	All	All
Operating System	Fronius	Primo 5.0-1 Aus Firmware	All	All	All	All
Operating System	Fronius	Primo 5.0-1 Firmware	All	All	All	All
Operating System	Fronius	Primo 5.0-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 5.0-1 Sc	-	All	All	All
Hardware	Fronius	Primo 5.0-1 Sc	-	All	All	All
Operating System	Fronius	Primo 5.0-1 Sc Firmware	All	All	All	All
Operating System	Fronius	Primo 5.0-1 Sc Firmware	All	All	All	All
Hardware	Fronius	Primo 6.0-1	-	All	All	All
Hardware	Fronius	Primo 6.0-1	-	All	All	All
Hardware	Fronius	Primo 6.0-1 208-240	-	All	All	All
Hardware	Fronius	Primo 6.0-1 208-240	-	All	All	All
Operating System	Fronius	Primo 6.0-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 6.0-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 6.0-1 Firmware	All	All	All	All
Operating System	Fronius	Primo 6.0-1 Firmware	All	All	All	All
Hardware	Fronius	Primo 7.6-1 208-240	-	All	All	All
Hardware	Fronius	Primo 7.6-1 208-240	-	All	All	All
Operating System	Fronius	Primo 7.6-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 7.6-1 208-240 Firmware	All	All	All	All
Hardware	Fronius	Primo 8.2-1	-	All	All	All
Hardware	Fronius	Primo 8.2-1	-	All	All	All
Hardware	Fronius	Primo 8.2-1 208-240	-	All	All	All
Hardware	Fronius	Primo 8.2-1 208-240	-	All	All	All
Operating System	Fronius	Primo 8.2-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 8.2-1 208-240 Firmware	All	All	All	All
Operating System	Fronius	Primo 8.2-1 Firmware	All	All	All	All

Operating System	Fronius	Primo 8.2-1 Firmware	All	All	All	All
Hardware	Fronius	Symo 10.0-3-m	-	All	All	All
Hardware	Fronius	Symo 10.0-3-m	-	All	All	All
Hardware	Fronius	Symo 10.0-3-m-os	-	All	All	All
Hardware	Fronius	Symo 10.0-3-m-os	-	All	All	All
Operating System	Fronius	Symo 10.0-3-m-os Firmware	All	All	All	All
Operating System	Fronius	Symo 10.0-3-m-os Firmware	All	All	All	All
Operating System	Fronius	Symo 10.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 10.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 10.0-3 208-240	-	All	All	All
Hardware	Fronius	Symo 10.0-3 208-240	-	All	All	All
Operating System	Fronius	Symo 10.0-3 208-240 Firmware	All	All	All	All
Operating System	Fronius	Symo 10.0-3 208-240 Firmware	All	All	All	All
Hardware	Fronius	Symo 10.0-3 480	-	All	All	All
Hardware	Fronius	Symo 10.0-3 480	-	All	All	All
Operating System	Fronius	Symo 10.0-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo 10.0-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo 12.0-3 208-240	-	All	All	All
Hardware	Fronius	Symo 12.0-3 208-240	-	All	All	All
Operating System	Fronius	Symo 12.0-3 208-240 Firmware	All	All	All	All
Operating System	Fronius	Symo 12.0-3 208-240 Firmware	All	All	All	All
Hardware	Fronius	Symo 12.5-3-m	-	All	All	All
Hardware	Fronius	Symo 12.5-3-m	-	All	All	All
Operating System	Fronius	Symo 12.5-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 12.5-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 12.5-3 480	-	All	All	All
Hardware	Fronius	Symo 12.5-3 480	-	All	All	All
Operating System	Fronius	Symo 12.5-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo 12.5-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo 15.0-3-m	-	All	All	All
Hardware	Fronius	Symo 15.0-3-m	-	All	All	All
Operating System	Fronius	Symo 15.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 15.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 15.0-3 107	-	All	All	All
Hardware	Fronius	Symo 15.0-3 107	-	All	All	All

Operating System	Fronius	Symo 15.0-3 107 Firmware	All	All	All	All
Operating System	Fronius	Symo 15.0-3 107 Firmware	All	All	All	All
Hardware	Fronius	Symo 15.0-3 480	-	All	All	All
Hardware	Fronius	Symo 15.0-3 480	-	All	All	All
Operating System	Fronius	Symo 15.0-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo 15.0-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo 17.5-3-m	-	All	All	All
Hardware	Fronius	Symo 17.5-3-m	-	All	All	All
Operating System	Fronius	Symo 17.5-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 17.5-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 17.5-3 480	-	All	All	All
Hardware	Fronius	Symo 17.5-3 480	-	All	All	All
Operating System	Fronius	Symo 17.5-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo 17.5-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo 20.0-3-m	-	All	All	All
Hardware	Fronius	Symo 20.0-3-m	-	All	All	All
Operating System	Fronius	Symo 20.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 20.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 20.0-3 480	-	All	All	All
Hardware	Fronius	Symo 20.0-3 480	-	All	All	All
Operating System	Fronius	Symo 20.0-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo 20.0-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo 22.7-3 480	-	All	All	All
Hardware	Fronius	Symo 22.7-3 480	-	All	All	All
Operating System	Fronius	Symo 22.7-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo 22.7-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo 24.0-3 480	-	All	All	All
Hardware	Fronius	Symo 24.0-3 480	-	All	All	All
Operating System	Fronius	Symo 24.0-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo 24.0-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo 3.0-3-m	-	All	All	All
Hardware	Fronius	Symo 3.0-3-m	-	All	All	All
Operating System	Fronius	Symo 3.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 3.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 3.0-3-s	-	All	All	All
Hardware	Fronius	Symo 3.0-3-s	-	All	All	All

Hardware	Fronius	Symo 3.0-3-s	-	All	All	All
Operating System	Fronius	Symo 3.0-3-s Firmware	All	All	All	All
Operating System	Fronius	Symo 3.0-3-s Firmware	All	All	All	All
Hardware	Fronius	Symo 3.7-3-m	-	All	All	All
Hardware	Fronius	Symo 3.7-3-m	-	All	All	All
Operating System	Fronius	Symo 3.7-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 3.7-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 3.7-3-s	-	All	All	All
Hardware	Fronius	Symo 3.7-3-s	-	All	All	All
Operating System	Fronius	Symo 3.7-3-s Firmware	All	All	All	All
Operating System	Fronius	Symo 3.7-3-s Firmware	All	All	All	All
Hardware	Fronius	Symo 4.5-3-m	-	All	All	All
Hardware	Fronius	Symo 4.5-3-m	-	All	All	All
Operating System	Fronius	Symo 4.5-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 4.5-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 4.5-3-s	-	All	All	All
Hardware	Fronius	Symo 4.5-3-s	-	All	All	All
Operating System	Fronius	Symo 4.5-3-s Firmware	All	All	All	All
Operating System	Fronius	Symo 4.5-3-s Firmware	All	All	All	All
Hardware	Fronius	Symo 5.0-3-m	-	All	All	All
Hardware	Fronius	Symo 5.0-3-m	-	All	All	All
Operating System	Fronius	Symo 5.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 5.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 6.0-3-m	-	All	All	All
Hardware	Fronius	Symo 6.0-3-m	-	All	All	All
Operating System	Fronius	Symo 6.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 6.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 7.0-3-m	-	All	All	All
Hardware	Fronius	Symo 7.0-3-m	-	All	All	All
Operating System	Fronius	Symo 7.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 7.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo 8.2-3-m	-	All	All	All
Hardware	Fronius	Symo 8.2-3-m	-	All	All	All
Operating System	Fronius	Symo 8.2-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo 8.2-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo Advanced 10.0-3 208-240	-	All	All	All

Hardware	Fronius	Symo Advanced 10.0-3 208-240	-	All	All	All
Operating System	Fronius	Symo Advanced 10.0-3 208-240 Firmware	All	All	All	All
Operating System	Fronius	Symo Advanced 10.0-3 208-240 Firmware	All	All	All	All
Hardware	Fronius	Symo Advanced 12.0-3 208-240	-	All	All	All
Hardware	Fronius	Symo Advanced 12.0-3 208-240	-	All	All	All
Operating System	Fronius	Symo Advanced 12.0-3 208-240 Firmware	All	All	All	All
Operating System	Fronius	Symo Advanced 12.0-3 208-240 Firmware	All	All	All	All
Hardware	Fronius	Symo Advanced 15.0-3 480	-	All	All	All
Hardware	Fronius	Symo Advanced 15.0-3 480	-	All	All	All
Operating System	Fronius	Symo Advanced 15.0-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo Advanced 15.0-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo Advanced 20.0-3 480	-	All	All	All
Hardware	Fronius	Symo Advanced 20.0-3 480	-	All	All	All
Operating System	Fronius	Symo Advanced 20.0-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo Advanced 20.0-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo Advanced 22.7-3 480	-	All	All	All
Hardware	Fronius	Symo Advanced 22.7-3 480	-	All	All	All
Operating System	Fronius	Symo Advanced 22.7-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo Advanced 22.7-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo Advanced 24.0-3 480	-	All	All	All
Hardware	Fronius	Symo Advanced 24.0-3 480	-	All	All	All
Operating System	Fronius	Symo Advanced 24.0-3 480 Firmware	All	All	All	All
Operating System	Fronius	Symo Advanced 24.0-3 480 Firmware	All	All	All	All
Hardware	Fronius	Symo Hybrid 3.0-3-m	-	All	All	All
Hardware	Fronius	Symo Hybrid 3.0-3-m	-	All	All	All
Operating System	Fronius	Symo Hybrid 3.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo Hybrid 3.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo Hybrid 4.0-3-m	-	All	All	All
Hardware	Fronius	Symo Hybrid 4.0-3-m	-	All	All	All
Operating System	Fronius	Symo Hybrid 4.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo Hybrid 4.0-3-m Firmware	All	All	All	All
Hardware	Fronius	Symo Hybrid 5.0-3-m	-	All	All	All
Hardware	Fronius	Symo Hybrid 5.0-3-m	-	All	All	All
Operating System	Fronius	Symo Hybrid 5.0-3-m Firmware	All	All	All	All
Operating System	Fronius	Symo Hybrid 5.0-3-m Firmware	All	All	All	All

References

Reference	Source	Link
Multiple vulnerabilities in Fronius Solar Inverter Series (CVE-2019-19229, CVE-2019-19228) – SEC Consult	MISC	sec-consult.com
Fronius Solar Inverter Series Insecure Communication / Path Traversal ≈ Packet Storm	MISC	packetstormsecurity.com
Bugtraq: SEC Consult SA-20191203-0 :: Multiple vulnerabilities in Fronius Solar Inverter Series	MISC	seclists.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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