Manufacturer Declaration

Document No.: SRNE-MFR-DEC-2026101601

Issue of date: October 16, 2026

1.Manufacturer and System Integration Scope

SRNE Solar Co., Ltd., located at 4‑5F, Building 13A, Taihua Wutong Industrial Park, Gushu Development Zone, Hangcheng Street, Baoan, Shenzhen, China, hereby issues this manufacturer's declaration for its residential and commercial hybrid inverter series (HESP and IESP families).

SRNE Inverter models — HESP and IESP Series
HESP4830SH3, HESP4840SH3, HESP4850SH3, HESP4860SH3, HESP4870SH3, HESP4880SHD3, HESP4880SH3, HESP48100SH3, HESP48120SH3, HESP48140SHD3, HESP48150SHD3, HESP48160SHD3, HESP48160SH3, HESP48180SH3, HESP48200SH3; IESP500SH3, IESP550SH3, IESP600SH3.

2.Conformity documentation

Area	Supporting documentation
EU Declaration of Conformity	Signed SRNE declaration for HESP4880SH3 / HESP48100SH3 / HESP48120SH3: LVD 2014/35/EU, EMC 2014/30/EU, RoHS 2011/65/EU, RED 2014/53/EU. Source number / date: No. SRNE-CE-20261015001
Electrical safety / RoHS	EN 62109-1:2010, EN 62109-2:2011, EN IEC 63000:2018 per the above declaration. Separate safety certificate / scope of (EU) 2015/863: No. SRNE-CE-20261015001
EMC	EMTEK ENS2404100132E00101CM1, 4 July 2024; HESP 4/5/6/8/10/12 kW SH3: EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021, EN IEC 61000-3-11:2019, EN 61000-3-12:2011.
EN 18031-1:2024 — inverter	EMTEK ENS2605120189N00101C, 20 May 2026; report ENS2605120189N00101R. HESP48160SH3 / HESP48180SH3 / HESP48200SH3.

3.Logger and integration confirmation

Logger supplied with SRNE: SOLARMAN / IGEN LSW-5. ETSI reference configuration: PCB LSG_5_LPT270_V2.0; FW LSW5BLE_17_SSLB505_1.05. SRNE confirms matching of the installed configuration to the ETSI scope upon signing this declaration. HW/FW under EN 18031: AQS20250429752602, Issued on :2025-07-04.

EN 18031-1:2024: FGTEST AQS20250429752602, 4 July 2025; report S20250429752602; LSW-5, PASS. ETSI EN 303 645 V2.1.1:2020: TÜV SÜD D10 118509 0001 Rev.00, 30 May 2023; report 874032210527.

Logger supplied with SRNE: SOLARMAN / IGEN LSW-5 EU Declaration of Conformity — Date of Issue: 2025-01-10.

Certificate scopes remain limited to the assessed products and configurations. The EN 18031 certificate is not the logger EU Declaration of Conformity; ETSI firmware is not automatically the firmware covered by EN 18031.

Common scope of the declaration

4.Service security and material documentation

IGEN White Paper v1.0 describes HTTPS / MQTT over TLS 1.2, firmware integrity checks, OTA rollback, penetration testing and incident response. Cloud remediation targets: critical 24 h, high 5 working days, medium 10, low 30; hardware/app terms require an SLA. Non-China data is stored in Frankfurt; remote cross-border access is described.

REACH SVHC: Waltek WTH25H03077822C, 18 July 2025, LSW-5. For 250 SVHC the conclusion is SEE RESULT(S); PASS concerns 2 potential SVHC and resorcinol. Lead: 3.281% in part 1-12 (copper pin), 0.023% in part 1-28 (antenna solder). These are component results, not whole-device concentrations.

5.Existing and operational EMS and backup functions

Proposed manufacturer statement for all models listed above: the inverters have existing, operational EMS functions, including scheduled battery charging/discharging and PV/grid charging in accordance with their instructions. Backup operation is existing and operational and supplies designated loads from the battery and/or available PV when the grid fails. Power limits, transfer times and wiring follow the instructions for each model.

Battery/BMS, meter/CT and supported additional controller interfaces are operational in a compatible, correctly connected and commissioned configuration. SRNE confirms the common functional statement by signing section 7; the statement is not an extension of certificate scope.

6.Security support and management systems

Area	Statement / details
Responsible parties / contact	SRNE Solar Co., Ltd. — inverter and system integration; published after-sales contact: service@szshuori.com. IGEN Tech Co., Ltd. — LSW-5 and SOLARMAN; customerservice@solarmanpv.com (general support).
Support period / responsibility	SRNE: inverter updates, integration and escalation. IGEN: logger firmware and cloud service. Cloud service support: IGEN Tech Security & Compliance White Paper Version 1.0
CRA — obligations and evidence	Product cybersecurity and security support SRNE confirms responsibility for inverter core hardware/firmware security updates and overall system integration. IGEN (SOLARMAN) provides direct compliance endorsement and security support for the LSW-5 external Wi-Fi logger and cloud services regarding RED Delegated Acts (RED DA), Cyber Resilience Act (CRA) technical requirements, and ETSI EN 303 645. Supporting evidence includes SOLARMAN's official test reports and TÜV SÜD certificates. Security support periods and vulnerability reporting contacts: customerservice@solarmanpv.com.
ISO / NIS2 / CRA	Product cybersecurity — ETSI EN 303 645 and CRA The SOLARMAN / IGEN LSW-5 logger has been assessed against ETSI EN 303 645 V2.1.1:2020 under TÜV SÜD certificate D10 118509 0001 Rev.00, Date of Issue: 30 May 2023, report 874032210527. This assessment applies only to the models and configurations covered by that certificate. SRNE confirms the correspondence of the supplied logger configuration to the assessed configuration upon signing this declaration. The ETSI EN 303 645 assessment and ISO 27001/27701 certifications held by SOLARMAN / IGEN provide direct supporting technical evidence for the evaluation of cybersecurity and vulnerability handling requirements under Regulation (EU) 2024/2847 (Cyber Resilience Act, CRA). SRNE Solar Co., Ltd., in active coordination with SOLARMAN's compliant telemetry infrastructure, complies with the applicable requirements of national legislation implementing NIS2 regarding secure remote access and incident reporting and coordinates the receipt and handling of vulnerability reports concerning its inverters and system integration. The official distribution point receives local reports and forwards them to SRNE, while IGEN/SOLARMAN is responsible for analysing and remediating vulnerabilities affecting the LSW-5 logger, applications and cloud services.

7.Manufacturer approval

Signed for and on behalf of SRNE Solar Co., Ltd.

Place / date: 2026/10/16

Name / position: Sales Engineer

Authorised signature:

Company stamp: _____