

EV Charging RFID Specification Pack

A practical brief for aligning the physical credential with readers, identifier handling, backend handoff, artwork, sample acceptance and repeat production.

#	English
01	PROGRAMME BRIEF
02	CREDENTIAL DECISIONS
03	IDENTIFIER AND DATA HANDOFF
04	SAMPLE ACCEPTANCE
05	PRODUCTION AND REORDER CONTROL

01 / PROGRAMME BRIEF

Define the operating requirement first.

Record what is known and mark open items. Every gap should become a sample or integration question before production.

INPUT	YOUR CURRENT ANSWER
Programme owner	
Operating model	
Markets and languages	
Users and assignment	
Readers and stations	
Backend owner	
Pilot and launch volume	
Target timing	

This workbook structures procurement and validation. It is not a universal compatibility certificate or a substitute for testing the finished credential with the intended reader and backend.

02 / CREDENTIAL DECISIONS

Separate appearance from system fit.

Material, electronics, identifiers and artwork are related decisions, but each needs its own acceptance evidence.

DECISION	ACCEPTANCE EVIDENCE
Material and form	
Reader interface	
Electronic identifier	
Security scope	
Visible identity	
Backend handoff	
Artwork and finish	
Packaging	

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03 / IDENTIFIER AND DATA HANDOFF

Make the data handoff testable.

Agree one canonical test row and import it before volume production. Keep electronic and visible identifiers explicitly mapped.

CSV COLUMN	PURPOSE	ILLUSTRATIVE VALUE
record_number	Row or order reference	000001
credential_uid	Electronic value from credential	04A1B2C3D4E5F6
uid_format	Length, representation and byte order	7-byte hex, as-read
visible_serial	Printed or engraved support number	CRF-SAMPLE-0001
customer_reference	Driver, vehicle, member or account key	TEST-ACCOUNT-01
activation_status	Import or activation state	test-only
batch_reference	Production or sample batch	SAMPLE-BATCH-A
notes	Exception, replacement or custody note	Remove before live use

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04 / SAMPLE ACCEPTANCE

Approve evidence, not a generic sample.

The sample should represent the intended construction, reader response, artwork and identifier workflow closely enough to expose risk.

CHECK	RECORD
Construction	
Artwork	
Reader response	
Captured value	
Test import	
Authorization	
Packaging reconciliation	
Named approval owner	

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05 / PRODUCTION AND REORDER CONTROL

Retain the decision trail after launch.

Version material, electronics, artwork, data and packaging references together so repeat orders remain controlled.

CONTROL	RETAINED RECORD
Commercial reference	
Material master	
Electronic master	
Artwork master	
Data manifest	
Batch quality control	
Packing record	
Change control	

Complete the workbook, attach a representative reader or current credential where available, then send it through chargerfid.com/contact.