Form Sheet: Function Query Battery System for Park Controller Integration

Manufacturer / System:

Model / Type:

Including all participants to be integrated (e.g., manufacturer's controller/EMS):

Please provide a schematic diagram that clearly and precisely illustrates the system setup

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Technical Contact for Test Integration

(from the battery system manufacturer - must be familiar with the Modbus registers of the devices to be integrated and capable of making adjustments)

- **Name:**
- **Position / Function:**
- **Phone (available in the morning, CET):**
- **E-Mail:**

Notes:

- Integration will only be carried out if an actual test system is available.
- A technical contact person from the battery system manufacturer must be appointed. Other contact persons will not be accepted for the test integration.
- The contact person must be available during the test procedure (German or English, preferably mornings CET).
- A phone number must be provided where the contact person can be reached.

Active Power Setpoint Response Time (AC Side)

Please specify the time required for the energy storage system to implement a new active power setpoint after it has been received.

Requirement:

Active power setpoints are typically updated every 500 ms.
After receiving a new setpoint, the requested power level must be achieved on the AC side of the battery inverter within 50 ms.

Maximum acceptable response time: 200 ms.

Manufacturer specification:

Time from receipt of a new setpoint to achievement of the requested AC power level: _____ ms

Function Query Battery System - AC

Function	Supported	Modbus Register Address / Control Address	Comment / Max. Values
Control of the active power of the inverter at the AC terminal (charging / discharging).	☐ Yes ☐ No		
Specification of reactive power of the inverter in % or kVar.	☐ Yes ☐ No		

Leistungs- und Kommunikationsanforderungen

Function	Supported	Modbus Register Address / Control Address	Comment / Max. Values
Active power changes without internal ramp limitation	☐ Yes ☐ No		
Reactive power changes without internal ramp limitation	☐ Yes ☐ No		
Maximum read and write speed			

All blue boxes are fillable form fields. Please tick Yes or No where applicable.