Communication between EV and v.SECC is based on DIN SPEC 70121 CharCon v.SECC iMx Disconnected CP State A with 100% duty 1st CAN message from v.SECC on wake up Cycle PECC limits and status (Periodic) Plug In CP State B with 100% duty cycle CP State B with 5% Duty Cycle CharCon SupportedAppProtocolReg SupportedAppProtocolRes Asleep SessionSetupReq SessionSetupRes ServiceDiscoveryReq ServiceDiscovervRes ServicePaymentSelectionReg ServicePaymentSelectionRes Ongoing ContractAuthenticationReg ContractAuthenticationRes EVSE Processing Finished Ongoing ChargeParameterDiscoveryReq ChargeParameterDiscoveryRes EVSE Processing VehicleStatus evConnectionState(Connected) Finished ReqestedMode(Standby) CharConStatus(ActualMode) MaxLineCurrents(HMI Input) Take the Max input Grid currents from НМІ

ChargingSessionInfo(evMaxValues)

VehicleStatus_evConnectionState(EnergyTransferAllowed)

CP State C with 5% duty cycle



