ID	Taxonomy	Name	Description	Physical meaning
F1		T	Operation temperature	
F2	Prior-cycle	U1	Cut-off voltage value when assigned SOC is hit at each charging step	Charge acceptance at each charging step (SOC region)
F3		U2		
F4		U3		
F5		U4		
F6		U5		
F7		U6		
F8		U7		
F9		U8		
F10		U9		
F11	In-cycle (inter-step)	VC89	Voltage change from the end of step 8 to the start of step 9	Ohmic and electrochemical polarization, linked to SEI growth (pseudo relaxation)
F12		VD9	Voltage drop from the start of step 9 to the minimum of step 9	Concentration polarization (pseudo relaxation)
F13		tVD9	Time needed for VD9	Recovery time of concentration polarization (pseudo relaxation)
F14		ReVC	Voltage change from the end of step 9 to the start of the rest	Ohmic and electrochemical polarization, linked to SEI growth (relaxation)
F15		ReVD	Voltage drop from the start of the rest to the minimum of the rest	Concentration polarization (relaxation)
F16		tReVD	Time needed for ReVD	Recovery time of concentration polarization (relaxation)
F17	In-cycle (intra-step)	Vg1	Mean value of voltage gradient at each charging step	Polarization speed at each charging step (SOC region)
F18		Vg2		
F19		Vg3		
F20		Vg4		
F21		Vg5		
F22		Vg6		
F23		Vg7		
F24		Vg8		
F25		Vg9		
F26	In-cycle (inter-step)	RVg	Ratio of Vg2 and Vg1	
F27	In-cycle (intra-step)	Q1	Charging capacity value when assigned SOC is hit at each charging step	Charge acceptance at each charging step (SOC region)
F28		Q2		
F29		Q3		
F30		Q4		
F31		Q5		
F32		Q6		
F33		Q7		
F34		Q8		
F35		Q9		
F36	In-cycle (intra-step)	RL1	Ratio of voltage and charging current at each charging step	Merged representation of ohmic, electrochemical, and concentration resistance at each charging step
F37		RL2		
F38		RL3		
F39		RL4		
F40		RL5		
F41		RL6		
F42		RL7		
F43		RL8		
F44		RL9		
F45	In-cycle (inter-step)	RO1	Ratio of voltage change and current change at switching points between steps	Ohmic resistance from relaxation behaviours
F46		RO2		
F47		RO3		
F48		RO4		
F49		RO5		
F50		RO6		
F51		RO7		
F52		RO8		