

Part No.	Special Feature	Charge Principle	Battery Chemistry					Number of Cells	Number of Packs	Battery Capacity	Termination Mode		Charge Speed				Maintenance Charge	Standby Operation	LowBat Protection	Ext. Charge Enable	Serial Data Out	Status Indicator		Battery Fault Detection	Package / Pins	Availability	Remarks
			NC	NM	Lead Acid	LiIon	NiFe				Primary	Secondary	Slow	Normal	Fast	Super Fast						LED	Buzzer				
CCS9310B2 *	Basic CCS Controller	CCS	++	++	+	+	++	NL	1	NL	CCS	NN			✓	✓	IR 2	✓				1	1	✓	A, B, C	✓	
CCS9410 *	3-way Charger	CCS	++	++	+	+	++	NL	3	NL	CCS	NN			✓	✓	IR 1	✓			✓	3		✓	A, B, C	✓	
CCS9505	Digital Status Output	CCS	++	++	+	+	++	NL	1	NL	CCS	NN		✓	✓	✓	IR 2	✓	✓	✓	✓	1	1	✓	A, B, C	✓	1
CCS9606	Charge 1 - 16 hrs.	CCS	++	++	+	+	++	NL	1	NL	CCS	NN	✓	✓	✓	✓	IR 2	✓	✓		✓	1	1	✓	A, B, C	✓	
CCS9620LT	Universal CCS Controller for Standby	CCS	++	++	+	+	++	NL	1	NL	CCS	NN		✓	✓	✓	IR 2	✓	✓	✓	✓	1	1	✓	A, B, C	✓	1, 2,
CCS9620SL	Universal CCS Controller for UPS	CCS	++	++	++	++	++	NL	1	NL	CCS	NN		✓	✓	✓	IR 1	✓		✓	✓	1	1	✓	A, B, C	✓	1, 2, 4
CCS9620SL-F	Universal CCS Controller for UPS	CCS	++	++	++	++	++	NL	1	NL	CCS	NN		✓	✓	✓	IR 1	✓		✓	✓	1	1	✓	A, B	✓	1, 2, 4
CCS96205	Charge Inhibit after Full Charge	CCS	++	++	++	++	++	NL	1	NL	CCS	NN		✓	✓	✓	IR 1	✓		✓	✓	1	1	✓	A, B, C	✓	1, 2, 3
CCS96305	Charge Stop Signal	CCS	++	++	++	++	++	NL	1	NL	CCS	NN		✓	✓	✓	IR 1	✓		✓	✓	1	1	✓	A, B, C	✓	1, 2, 3, 5
CCS9633	3-way Charger	CCS	++	++	+	+	++	NL	3	NL	CCS	NN			✓	✓	IR 1	✓			✓	3		✓	A, B, C	✓	

* not recommended for new design

Remarks: 1 Buzzer Enable Pin
2 DC or Rectified AC Power Supply
3 Charge Inhibit
4 No LED during Maintenance Charge
5 LED Signal @ Low Resistance on battery contacts

Notes: CCS Computer Charge System
IR Intelligent Recharge
IR 1 Typ 1
IR 2 Typ 2
NL Not Limited
NN Not Needed

Package: A...DIL18 ++ excellent
B...SOIC18
C...SSOP20 + good

CCS Charge Controller Selection Guide