



CHARGE CYCLE STATE	STAT1	STAT2	PG
Shutdown ( $V_{DD} = V_{BAT}$ )	Hi-Z	Hi-Z	Hi-Z
Shutdown ( $V_{DD} = IN$ )	Hi-Z	Hi-Z	L
Shutdown ( $CE = L$ )	Hi-Z	Hi-Z	L
Preconditioning	L	Hi-Z	L
Constant Current	L	Hi-Z	L
Constant Voltage	L	Hi-Z	L
Charge Complete - Standby	Hi-Z	L	L
Temperature Fault	L	L	L
Timer Fault	L	L	L
Low Battery Output	L	Hi-Z	Hi-Z
No Battery Present	Hi-Z	Hi-Z	L
No Input Power Present	Hi-Z	Hi-Z	Hi-Z

**MCP73871-2CCI/ML -  
Charges to 4.20V (2), 3.10V  
(C) Low Battery threshold,  
with 6h (C) safety timer**

Title		
Size A4	Number	Revision
Date:	9/17/2023	Sheet of
File:	C:\RELJA\12_PowerSupply.SchDoc	Drawn By: