

RECOMMENDED OPERATING CONDITIONS

		MIN	MAX	UNIT
V_{IN}	Input voltage	3.9	17 ⁽¹⁾	V
I_{IN}	Input current		3	A
I_{SYS}	Output current (SYS)		4.5 (bq24195) 2.5 (bq24195L)	A
V_{BAT}	Battery voltage		4.4	V
I_{BAT}	Fast charging current		4.5 (bq24195) 2.5 (bq24195L)	A
	Discharging current with internal MOSFET		6 continuous 9 peak (up to 1 sec duration)	A
T_A	Operating free-air temperature range	-40	85	°C

