

Power consumption MoleNetV6

Mode	voltage	With LED(D8)	Without LED(D8)	With LED(D8)	Without LED(D8)
Note: LORA , SD card powered up (j1 and j5 jumpers are connected)				Lora(sleep)	
NORMAL(powered up state	12v(J3)	45.1mA	38.8mA	42.76mA	36.26mA
LIGHT SLEEP	12v(J3)	14.26mA	7.89mA	12.22mA	5.88mA
DEEPSLEEP	12v(J3)	13.3mA	6.94mA	13.3mA	6.94mA

Mode	voltage	With LED(D8)	Without LED(D8)	With LED(D8)	Without LED(D8)
Note: LORA , SD card powered up (j1 and j5 jumpers are connected)				Lora(sleep)	
NORMAL(powered up state	5v(J3)	45.2mA	38.8mA	42.7mA	36.29mA
LIGHT SLEEP	5v(J3)	14.37mA	8mA	12.33mA	5.95mA
DEEPSLEEP	5v(J3)	13.43mA	7.1mA	13.43mA	7.1mA

Mode	voltage	With LED(D8)	Without LED(D8)	With LED(D8)	Without LED(D8)
Note: LORA , SD card powered up (j1 and j5 jumpers are connected)				Lora(sleep)	
NORMAL(powered up state	3.3v(J12)	39.3mA	33.5mA	37.6mA	31.4mA
LIGHT SLEEP	3.3v(J12)	9.27mA	3mA	7.36mA	1mA
DEEPSLEEP	3.3v(J12)	8.34mA	2mA	8.34mA	2mA

Mode	voltage	With LED(D8)	Without LED(D8)
Note: LORA , SD card powered down (j1 and j5 jumpers are not connected)			
NORMAL(powered up state	3.3v(J12)	36.4mA	33mA
LIGHT SLEEP	3.3v(J12)	6.91mA	610uA
DEEPSLEEP	3.3v(J12)	6.38mA	130uA

ESP32-S3-Devkit-C

Mode	voltage	Current
Note: Only ESP32-S3 is powered up		
NORMAL(power	3.3v	32.3mA
LIGHT SLEEP	3.3v	780uA
DEEPSLEEP	3.3v	8.2uA