Agilent Electronic Loads - Below 3 volt operation, CC Mode, Static Operation

Table shows actual current capability at various input voltages

	Models				
Ratings	***N3302A 60501B***	***N3304A 6060B 60502B***	***N3303A 6063B 60503B***	***N3306A 60504B***	***N3305A 60507B***
Amps	0 to 30A	0 to 60A	0 to 10A	0 to 120A	0 to 60A
Volts	3 to 60 V	3 to 60V	3 to 240V	3 to 60V	3 to 150V
Watts	150W	300W	250W	600W	500W
Rvalue	0.067Ω	0.033Ω	0.20Ω	0.017Ω	0.033Ω
Input Voltage	**Current level**				
3.0V	30.0A	60.0A	10.0A	120.0A	60.0A
2.5V	30.0A	60.0A	10.0A	120.0A	60.0A
2.0V	29.9A	60.0A	10.0A	117.6A	60.0A
1.5V	22.4A	45.5A	7.5A	88.2A	45.5A
1.0V	14.9A	30.3A	5.0A	58.8A	30.3A
0.5V	7.5A	15.2A	2.5A	29.4A	15.2A
0.0V	0.0A	0.0A	0.0A	0.0A	0.0A

For dynamic operation below 3 volts or for full rated load power below 3 volts, see the New Agilent Zero Volt Electronic Load Product Note (P/N 5968-6360E)

Notes:

1. The Voltage column is the voltage that is applied to the input of the electronic load.
2. The Rvalue row is the minimum on-resistance of the FET's
3. For other input voltages use Ohm's Law to calculate the current level. For example using the 6060B model at 1.8V, the max current level is 1.8V/0.033Ω or 54.5A
4. If you need higher currents at low voltages, the loads can be paralleled using CC Mode only!