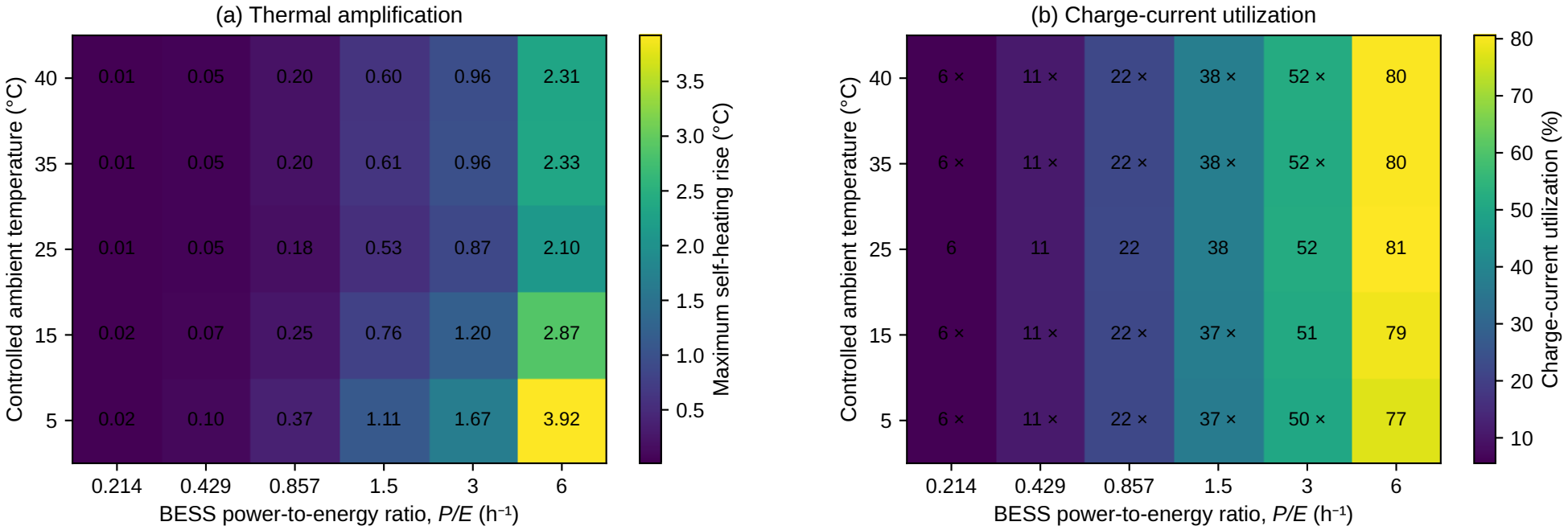

(a) Thermal amplification
Controlled ambient temperature (°C)
40
35
25
15
5
0.01 0.05 0.20 0.60 0.96 2.31
0.01 0.05 0.20 0.61 0.96 2.33
0.01 0.05 0.18 0.53 0.87 2.10
0.02 0.07 0.25 0.76 1.20 2.87
0.02 0.10 0.37 1.11 1.67 3.92
0.214 0.429 0.857 1.5 3 6
BESS power-to-energy ratio, P/E (h⁻¹)
Maximum self-heating rise (°C)
0.5 1.0 1.5 2.0 2.5 3.0 3.5
(b) Charge-current utilization
Controlled ambient temperature (°C)
40
35
25
15
5
6 × 11 × 22 × 38 × 52 × 80
6 × 11 × 22 × 38 × 52 × 80
6 11 22 38 52 81
6 × 11 × 22 × 37 × 51 79
6 × 11 × 22 × 37 × 50 × 77
0.214 0.429 0.857 1.5 3 6
BESS power-to-energy ratio, P/E (h⁻¹)
Charge-current utilization (%)
10 20 30 40 50 60 70 80
× at least one B1-requested charge interval clipped in physical replay