Powermap
CONVY series V2.4

TAME-POWER
TRONICO

CONVY-DCDC-800V-07-RB-00 (DOUBLE CONVERTER)

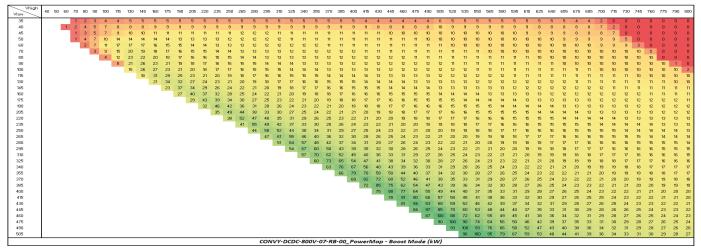## Maximum output power according to Vlow side and Vhigh side

Map power capability according to low side and high side voltage

- Tame-Power DC/DC converters embed a powerful software that permanently calculates the maximum power the device can transfer.
- The calculation is done in real-time, according to the values of low side voltage and high side voltage.
- The Power Maps aim to bring you a clear overview of how the features change according to the operating point.
- This allows you to optimize the overall performance of your whole system by selecting the best voltage ranges to operate.

Max output power (kW) when the DCDC converter operates at Vlow side = 110V, Vhigh side = 180V

Vhigh side → / Vlow side ↓

Vlow \ Vhigh	100	120	140	160	180	200	220
85	2	4	6	7	7	8	9
90	2	4	6	8	8	8	10
95	1	3	6	8	8	9	11
100		2	5	8	8	10	12
110			4	8	10	12	12
120				8	10	12	14
130				8	10	12	14
140				6	8	12	14
150				6	8	12	16
160					4	10	14

Boost mode (in kW)

CONVY-DCDC-800V-07-RB-00_PowerMap - Boost Mode (kW)

Buck mode (in kW)

CONVY-DCDC-800V-07-RB-00_PowerMap - Buck Mode (kW)

Each product reference has its own Power Map. For any detailed information please contact our sales team:
contact@tame-power.com