

Features

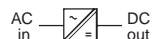
- DC input: 320 - 800 V
- AC input: 3-phase, 47 - 400 Hz
- DC output: 24 / ... / 200 V
- Continuous short circuit protection
- Overvoltage protection
- Thermal shutdown with auto restart
- Industrial grade components
- High efficiency through ZVS topology
- High power density
- 2 modules are pluggable into a 3U, 19" sub-rack
- 3 modules are pluggable into a 5U, 19" sub-rack
- Compact and robust design



DC / DC Converters

▶ 5 kW

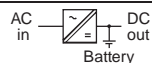
Input VDC			Output Amps	Output VDC	
320–380 ¹⁾ VDC	320–640 VDC	450–800 VDC		Adj.	Range
C 5184 Z	C 5174 G	C 5174 K	100	24	23– 26
C 5185 Z	C 5175 G	C 5175 K	100	28	26– 30
C 5189 Z	C 5179 G	C 5179 K	91	48	45– 55
C 5186 Z	C 5176 G	C 5176 K	74	60	58– 68
C 5187 Z	C 5177 G	C 5177 K	39	110	100– 130
C 5187 ZJ	C 5177 GJ	C 5177 KJ	2.5	200	190– 200



AC / DC Power Supplies

▶ 5 kW

Input VAC, 3-Phase		Output Amps	Output VDC	
3x400 ^{+15%} _{-20%}	3x480 ^{+10%} _{-15%}		Adj.	Range
C 5184 V	C 5194 V	100	24	23– 26
C 5185 V	C 5195 V	100	28	26– 30
C 5189 V	C 5199 V	91	48	45– 55
C 5186 V	C 5196 V	74	60	58– 68
C 5187 V	C 5197 V	39	110	100– 130
C 5187 VJ	C 5197 VJ	25	200	190– 200
C 5188 V ²⁾	C 5198 V ²⁾	18	270	200– 400



Battery Chargers

▶ 5 kW

Input VAC, 3-Phase		Output Amps	Output VDC	
3x400 ^{+15%} _{-20%}	3x480 ^{+10%} _{-15%}		Nom. Battery Voltage	Range
B 5182 V	B 5192 V	100	24	24– 32
B 5184 V	B 5194 V	80	4.8	48– 64
B 5186 V	B 5196 V	62	60	60– 80
B 5187 V	B 5197 V	34	110	110– 145

Assistance in table use:

- 1 Select the column for input voltage range.
- 2 Select the row for the appropriate output voltage.
- 3 The intersection of both results in the module required.

For example:

- 1 input voltage = 3 x 400 VAC
- 2 output voltage = 200 VDC @ 25 A
- 3 results in a C 5187 VJ module.

- ¹⁾ input supply from PFC also suitable
²⁾ input range +/- 10% maximum