

PC1000-series 1000 W DC/DC



FEATURES

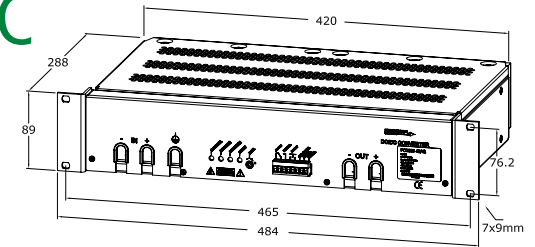
17 to 300 V input
24 to 48 V output
Over voltage protection
Output voltage alarm
Remote sense
Current sharing
Inhibit / Power down input
Inrush current limit
Convection cooled
Operating temp. -25 to +55°C,
without derating
Wall mounting or 19" rack

EMC & SAFETY

EN60950 class I
EN61000-6-2, Immunity
EN61000-6-3, Emission
EN/IEC61000-4-4, 4 kV
EN/IEC61000-4-5 level 2 & 3
EN50121-3-2 & EN50121-4
IEC62236-3-2 & IEC62236-4

OPTIONS

Series diode on output
Train inputs
Tropical coating
Mechanical features, see page 26-27



PC1000/2000 Rackmounted 19" 2U. Brackets L89-3 (std)

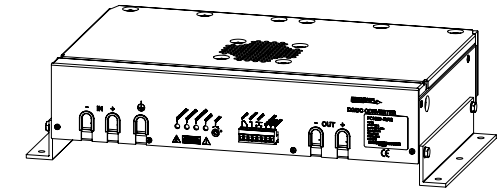
OUTPUT			INPUT			
Voltage	Current	Power	20 - 32 V	43 - 60 V	93 - 150 V	187 - 300 V
24 V	42.0 A	1000 W	PC1000 24/24	PC1000 48/24	PC1000 110/24	PC1000 220/24
28 V	36.0 A	1000 W	PC1000 24/28	PC1000 48/28	PC1000 110/28	PC1000 220/28
36 V	28.0 A*	1000 W	PC1000 24/36	PC1000 48/36	PC1000 110/36	PC1000 220/36
48 V	21.0 A	1000 W	PC1000 24/48	PC1000 48/48	PC1000 110/48	PC1000 220/48

* NRE might be charged.

Input range, is the range we guarantee full output performance, $U_{out} +10\%$, $I_{out} +5\%$ @+55°.

The converter works down to the stop level -35%. The output voltage might decrease to approx -10% of nominal output at the stop level.

The above table indicates the standard models. Other input and output combinations on demand.



PC1000/2000 Wallmounted. Brackets L216-1 (optional)