

C3700 Series

1000-1250 WATT AC/DC-DC/DC-BATTERY CHARGERS SINGLE OUTPUT

FEATURES

- DC input 18 - 640 V
- AC input 1 or 3-phase, 47 - 400 Hz or with PFC, 47 - 65 Hz
- DC output 5-400V
- Continuous short circuit protection
- Overvoltage protection with auto restart
- Thermal shutdown with auto restart
- Industrial grade components
- Compact and robust design



DC/DC CONVERTERS

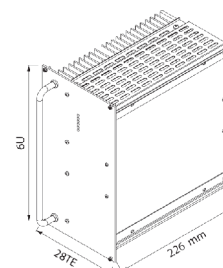
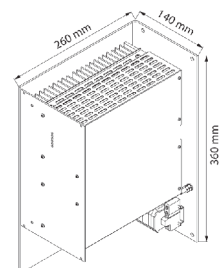
1000 W		1250 W							
		INPUT VDC						OUTPUT VDC	
18-36 VDC	OUTPUT AMPS	36-75 VDC	45-90 VDC	80-160 VDC	160-320 VDC	320-380 VDC	320-640 VDC	OUTPUT AMPS	ADJ. RANGE
C 3720	120 ±	C 3730	C 3740	C 3750	C 3770	C 3780 Z	C 3770 G	150	5 4.5 – 5.5
C 3721	80	C 3731	C 3741	C 3751	C 3771	C 3781 Z	C 3771 G	100	9 8 – 10
C 3722	70	C 3732	C 3742	C 3752	C 3772	C 3782 Z	C 3772 G	85	12 11 – 13
C 3723	56	C 3733	C 3743	C 3753	C 3773	C 3783 Z	C 3773 G	70	15 14 – 16
C 3724	40	C 3734	C 3744	C 3754	C 3774	C 3784 Z	C 3774 G	50	24 23 – 26
C 3725	35	C 3735	C 3745	C 3755	C 3775	C 3785 Z	C 3775 G	42	28 26 – 30
C 3729	19	C 3739	C 3749	C 3759	C 3779	C 3789 Z	C 3779 G	23	48 45 – 55
C 3726	15	C 3736	C 3746	C 3756	C 3776	C 3786 Z	C 3776 G	18	60 58 – 68
C 3727	8	C 3737	C 3747	C 3757	C 3777	C 3787 Z	C 3777 G	10	110 100 – 130
C 3727 J	5	C 3737 J	C 3747 J	C 3757 J	C 3777 J	C 3787 ZJ	C 3777 GJ	6	200 190 – 200
C 3728	4	C 3738	C 3748	C 3758	C 3778	C 3788 Z	C 3778 G	5	220 200 – 250
C 3728 J	2.5	C 3738 J	C 3748 J	C 3758 J	C 3778 J	C 3788 ZJ	C 3778 GJ	3	400 380 – 400

AC/DC POWER SUPPLIES

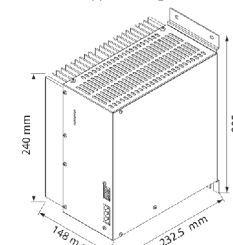
1000 W		1250 W							
		INPUT VAC, 3-PHASE						OUTPUT VDC	
100-240±10% WITH PFC	OUTPUT AMPS	115 ± 20%	230 + 15% - 20% C	115 ± 20% 230 + 15% - 20%	3X200 + 15% - 20%	3X400 + 15% - 20%	3X480 + 15% - 20%	OUTPUT AMPS	ADJ. RANGE
CP 3790	150	C 3760	C 3780	C 3790	C 3760 V	C 3780 V	C 3790 V	150 ±	5 4.5 – 5.5
CP 3791	100	C 3761	C 3781	C 3791	C 3761 V	C 3781 V	C 3791 V	100	9 8 – 10
CP 3792	80	C 3762	C 3782	C 3792	C 3762 V	C 3782 V	C 3792 V	85	12 11 – 13
CP 3793	65	C 3763	C 3783	C 3793	C 3763 V	C 3783 V	C 3793 V	70	15 14 – 16
CP 3794	40	C 3764	C 3784	C 3794	C 3764 V	C 3784 V	C 3794 V	50	24 23 – 26
CP 3795	35	C 3765	C 3785	C 3795	C 3765 V	C 3785 V	C 3795 V	42	28 26 – 30
CP 3799	20	C 3769	C 3789	C 3799	C 3769 V	C 3789 V	C 3799 V	23	48 45 – 55
CP 3796	15	C 3766	C 3786	C 3796	C 3766 V	C 3786 V	C 3796 V	18	60 58 – 68
CP 3797	9	C 3767	C 3787	C 3797	C 3767 V	C 3787 V	C 3797 V	10	110 100 – 130
CP 3797 J	5	C 3767 J	C 3787 J	C 3797 J	C 3767 VJ	C 3787 VJ	C 3797 VJ	6	200 190 – 200
CP 3798	4	C 3768	C 3788	C 3798	C 3768 V	C 3788 V	C 3798 V	5	220 200 – 250
CP 3798 J	2.5	C 3768 J	C 3788 J	C 3798 J	C 3768 VJ	C 3788 VJ	C 3798 VJ	3	400 380 – 400

BATTERY CHARGERS

1000 W		1250 W							
		INPUT VAC, 3-PHASE						OUTPUT VDC	
100-240±10% WITH PFC	OUTPUT AMPS	115 ± 20%	230 + 15% - 20% C	115 ± 20% 230 + 15% - 20%	3X200 + 15% - 20%	3X400 + 15% - 20%	3X480 + 15% - 20%	OUTPUT AMPS	NOM. BATTERY VOLTAGE RANGE
BP 3791	65	B 3761	B 3781	B 3791	B 3761 V	B 3781 V	B 3791 V	75	12 12 – 16
BP 3792	32	B 3762	B 3782	B 3792	B 3762 V	B 3782 V	B 3792 V	40	24 24 – 32
BP 3794	16	B 3764	B 3784	B 3794	B 3764 V	B 3784 V	B 3794 V	22	48 48 – 64
BP 3796	12	B 3766	B 3786	B 3796	B 3766 V	B 3786 V	B 3796 V	18	60 60 – 80
BP 3797	8	B 3767	B 3787	B 3797	B 3767 V	B 3787 V	B 3797 V	10	110 110 – 145
BP 3798	4	B 3768	B 3788	B 3798	B 3768 V	B 3788 V	B 3798 V	5	220 220 – 290

Eurocassette / approx. 6.5 kg
(pluggable module for 19" sub-rack)

Wall mount / approx. 9.5 kg

NEW
Chassis mount / approx. 7.5 kg