

C3800 Series

2000-2500 WATT AC/DC-DC/DC-BATTERY CHARGERS SINGLE OUTPUT

FEATURES

- DC input 18 - 800 V
- AC input 1 or 3-phase, 47 - 400 Hz
- DC output 12-400V
- Continuous short circuit protection
- Overvoltage protection with auto restart
- Thermal shutdown with auto restart
- Industrial grade components
- Compact and robust design



DC/DC CONVERTERS

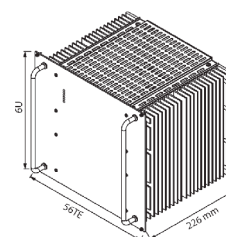
2000 W				2500 W							
		INPUT VDC							OUTPUT VDC		
18-32 VDC	OUTPUT AMPS	36-75 VDC	45-90 VDC	80-160 VDC	160-320 VDC	320-380 VDC	320-640 VDC	450-800 VDC	OUTPUT AMPS	ADJ.	RANGE
C 3822	120 ²⁾	C 3832	C 3842	C 3852	C 3872	C 3882 Z	C 3872 G	C 3872 K	160 ²⁾³⁾	12	11 - 13
C 3823	100	C 3833	C 3843	C 3853	C 3873	C 3883 Z	C 3873 G	C 3873 K	130 ²⁾	15	14 - 16
C 3824	75	C 3834	C 3844	C 3854	C 3874	C 3884 Z	C 3874 G	C 3874 K	100	24	23 - 26
C 3825	65	C 3835	C 3845	C 3855	C 3875	C 3885 Z	C 3875 G	C 3875 K	85	28	26 - 30
C 3829	38	C 3839	C 3849	C 3859	C 3879	C 3889 Z	C 3879 G	C 3879 K	45	48	45 - 55
C 3826	30	C 3836	C 3846	C 3856	C 3876	C 3886 Z	C 3876 G	C 3876 K	36	60	58 - 68
C 3827	15	C 3837	C 3847	C 3857	C 3877	C 3887 Z	C 3877 G	C 3877 K	20	110	100 - 130
C 3827 J	10	C 3837 J	C 3847 J	C 3857 J	C 3877 J	C 3887 ZJ	C 3877 GJ	C 3877 KJ	12	200	190 - 200
C 3828	8	C 3838	C 3848	C 3858	C 3878	C 3888 Z	C 3878 G	C 3878 K	10	220	200 - 250
C 3828 J	5	C 3838 J	C 3848 J	C 3858 J	C 3878 J	C 3888 ZJ	C 3878 GJ	C 3878 KJ	6	400	380 - 400

AC/DC POWER SUPPLIES

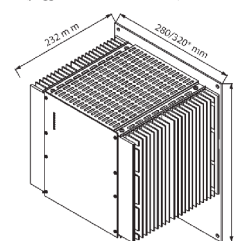
1700 W				2500 W						
		INPUT VAC, 1-PHASE			INPUT VAC, 3-PHASE				OUTPUT VDC	
100 – 240 ± 10% WITH PFC	OUTPUT AMPS	115 ± 20%	230 + 15% – 20%	115 ± 20% / 230 + 15% – 20%	3X200 + 15% – 20%	3X400 + 15% – 20%	3X480 + 10% – 15%	OUTPUT AMPS	ADJ.	RANGE
CP 4790	180 ³⁾	C 4760	C 4780	C 4790	C 4760 V	C 4780 V	C 4790 V	180 ³⁾	5	4.5 – 5.5
CP 4791	150	C 4761	C 4781	C 4791	C 4761 V	C 4781 V	C 4791 V	150	9	8 – 10
CP 4792	120	C 4762	C 4782	C 4792	C 4762 V	C 4782 V	C 4792 V	130	12	11 – 13
CP 4793	100	C 4763	C 4783	C 4793	C 4763 V	C 4783 V	C 4793 V	110	15	14 – 16
CP 4794	70	C 4764	C 4784	C 4794	C 4764 V	C 4784 V	C 4794 V	80	24	23 – 26
CP 4795	60	C 4765	C 4785	C 4795	C 4765 V	C 4785 V	C 4795 V	70	28	26 – 30
CP 4799	35	C 4769	C 4789	C 4799	C 4769 V	C 4789 V	C 4799 V	40	48	45 – 55
CP 4796	25	C 4766	C 4786	C 4796	C 4766 V	C 4786 V	C 4796 V	33	60	58 – 68
CP 4797	14	C 4767	C 4787	C 4797	C 4767 V	C 4787 V	C 4797 V	20	110	100 – 130
CP 4797 J	7	C 4767 J	C 4787 J	C 4797 J	C 4767 VJ	C 4787 VJ	C 4797 VJ	10	200	190 – 200

BATTERY CHARGERS

2500 W								
INPUT VAC, 1-PHASE			INPUT VAC, 3-PHASE			OUTPUT VDC		
115 ± 20%	115 ± 20%	230 + 15% - 20%	115 ± 20% / 230 + 15% - 20%	3X200 + 15% - 20%	3X400 + 15% - 20%	OUTPUT AMPS	NOM. BATTERY VOLTAGE	RANGE
B 3861	B 3881	B 3891	B 3861 V	B 3881 V	B 3891 V	150 ²⁾	12	12 - 16
B 3862	B 3882	B 3892	B 3862 V	B 3882 V	B 3892 V	80	24	24 - 32
B 3864	B 3884	B 3894	B 3864 V	B 3884 V	B 3894 V	45	48	48 - 64
B 3866	B 3886	B 3896	B 3866 V	B 3886 V	B 3896 V	35	60	60 - 80
B 3867	B 3887	B 3897	B 3867 V	B 3887 V	B 3897 V	20	110	110 - 145
B 3868	B 3888	B 3898	B 3868 V	B 3888 V	B 3898 V	10	220	220 - 290



Eurocassette / approx. 13.0 kg
(pluggable module for 19" sub-rack)



Wall mount / approx. 16.0 kg
(*) applicable to models >= 150 A output current