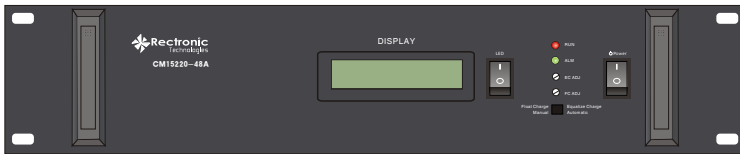


# 1500W Single Output DC-DC Converter



## 48/110/220V

Nominal Input Voltage

## 1.5kW

Maximum Output Power



## 48/110/220V

Nominal Output Voltage

Specifications					
	System Numbers (48V DC input)		CM1548-48A	CM15110-48A	CM15220-48A
	Voltage Range	40 ~ 60VDC			
	Efficiency (Typ.)	>83%			
	DC Current DC Current (Typ.)	36.2A/48VDC		38.7A/48VDC	
	System Numbers (110V DC input)		CM1548-110A	CM15110-110A	CM15220-110A
	Voltage Range	90 ~ 134VDC			
	Efficiency (Typ.)	>85%			
	DC Current DC Current (Typ.)	15.4A/110VDC		16.5A/110VDC	
	System Numbers (220V DC input)		CM1548-220A	CM15110-220A	CM15220-220A
	Voltage Range	160 ~ 280VDC			
	Efficiency (Typ.)	>87%			
	DC Current DC Current (Typ.)	7.5A/220VDC		8.1A/220VDC	
Output	DC Voltage		48V	110V	220V
	Rated Current		30A	14A	7A
	Current Range		0 ~ 30A	0 ~ 14A	0 ~ 7A
	Rated Power		1440W	1540W	1540W
	Ripple & Noise (max.)		200mVp-p	200mVp-p	200mVp-p
	Voltage ADJ. Range		40 ~ 57.6V	90 ~ 134V	180 ~ 243V
	Voltage Tolerance	1.0%			
	Line/Load Regulation	0.5%			
Protection	Overload	Iout_max 0.5A Protection type : Constant current limiting			
	Over Voltage		60V	134V	245V
	Over Temperature	85 °C detect on heatsink of power transistor; Protection type: Shut down o/p voltage, recovers automatically after temperature goes down			
Environment	Operating TEMP./Humidity	-20 to +45°C /20 to 90% RH non-condensing			
	Storage TEMP. /Humidity	-40 to +85 /10 to 95% RH			
	TEMP. Coefficient	0.02%/ (0 to 45°C)			
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes			
Safety	Withst and Voltage	I/P-O/P:1.5KVAC I/P-FG: 0.5KVDC O/P-FG: 0.5KVDC			
	Solation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC / 25°C / 70% RH			
Others	Dimension	240*482*88mm (L*W*H)			
	Packing	7Kg			