

COTEK 220W 4-step Battery Charger - CK series

Features:

- Universal AC input with active PFC
- High - performance 4-step charging effect
- Advanced 8 bit microprocessor control circuit
- Reverse polarity protected by electronic circuit
- Ignition protection
- Output short circuit protection
- Over power protection
- Easy to read LED's for system status
- Compact size, light weight



	Model No.	CK-1215	CK-2408
Output	DC Voltage Range	14.4V	28.8V
	Rated Current	15A	7.5A
	Current Range	0 ~ 15A	0 ~ 7.5A
	Rated Power (max.)	216W	216W
	Battery Charger Mode	4 - stage Battery Chargers (Refer to Battery Charging Curve)	
	Indication LED	Refer to LED Status	
Input	Voltage Range	88 ~ 264VAC	
	Frequency Range	47Hz ~ 63Hz	
	Efficiency (Typ.) at 230VAC	83%	86%
	AC Current (Max.)	2.95 A / 90VAC 1.52A / 180VAC	
	Inrush Current (Typ.)	Cold Start 35A / 230VAC	
	Leakage Current	< 0.75mA / 240VAC	
Protection	Over Load	102~110% rated output power Protection type : Constant current limiting, Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature	85°C ± 5°C (N3) detect on heat sink Protection type : Shut down output voltage, recovers automatically after temperature goes down	
	Reverse polarity protection	Protect by electronic circuit.	
Environment	Working Temp.	- 20°C ~ 50°C (Refer to output load de-rating curve)	
	Working Humidity	20 ~ 90% RH non-condensing	
	Storage Temp., Humidity	- 40 ~ +85°C	
	Temp. Coefficient	± 0.03% / °C (0 ~ 50°C)	
	Vibration	10 ~ 500Hz, 1G 0.5Oct/min, period for 60min. Each along X,Y,Z axes	
Safety & EMC	Safety Standards	MEET IEC 60950-1, 1st Edition (2001) ; EN 60950-1, 1st Edition (2001+A11)	
	Withstand Voltage	I/P - O/P: 3KVAC I/P - FG: 1.5KVAC O/P-FG: 0.5KVAC, 1 minute	
	Isolation Resistance	1/P - O/P, 1/P - FG, O/P - FG : 100M Ohms / 500VDC	
	EMI Conduction & Radiation	EN 55022 : 2006 Class B	
	Harmonic Current	EN 61000-3-2 : 2006 ; EN 61000-3-3 : 1995+A1 : 2001+A2 : 2005 ; EN 55024 : 1998+A1:2001+A2 : 2003 ;	
	EMS Immunity	IEC 61000-4-2 Edition 1.2 : 2001-04 ; IEC 61000-4-4 : 2004 IEC 61000-4-5 Edition 1.1 : 2001-04 ; IEC 61000-4-6 Edition 2.1 : 2004-11 IEC 61000-4-8 Edition 1.1 : 2001-03 ; IEC 61000-4-11 Second Edition : 2004-03	
Others	Dimension (L*W*H)	220 x 85 x 50 mm / 8.67 x 3.34 x 1.96 Inch	302.2HRS
	Packing	1.2 kgs / 2.6 Lbs.	