

	<u>POWERTRONIX SYSTEMS LIMITED</u> PFC PCA CHARGER 192VDC/8A SPECIFICATION	
1	Rating	192V/8A
	PERFORMANCE	
2	INPUT TRANSFORMER	STEP DOWN 230/110
	Ratings	
3	Input voltage nominal	230V AC
4	Input voltage range	185V -253V (Full rating)
5	Efficiency @100% load	>80%
6	Input PF	>0.95 (Full load & full input voltage range)
7	Input current THD	<10% @ full related load
8	Input VA	2200VA
9	control	high frequency PWM
10	Frequency (Hz)	50Hz +/- 10%
11	Output voltages Nominal	192V DC
12	Boost charger set voltage	216 TO 218V DC
13	Output voltage Regulation	2%
14	Output Current	8A
15	Acoustic noise (dBA)	<55dBA
16	Ambient temperature(Deg.C)	(0 TO 50)
	MECHANICAL	
17	Termination Input through cable	
18	Type	PFC
19	Enclosure	RACK
20	Dimensions h x w x d (mm)	tbd
21	Weight	tbd
22	Bushes	
	PROTECTION	
23	Input Under voltage	<185V AC
	Input over Voltage	>253V AC
	Current limit	>8A

	Output Load	8A
	Output over voltage	225V DC
	Over temperature	>110°C
	Indication	
	Mains on	green
24	Charger on	green
	Dc over voltage	red
	Ac under voltage	red
	Ac over voltage	red
25	Standard warranty	one Yrs
26	Battery cabinets,	optional