

TECHNICAL DATA SHEET WITH CCT DIAGRAM OF BATTERY CHARGER

<u>GENERAL TECHNICAL SPECIFICATION</u>		
<u>TECHNOLOGY OF THYRASTER TYPE CHARGER</u>		
Items	Descriptions	Technical's Spaces
A	Input Parameters	
A-1	NOMINAL INPUT VOLTAGE	230 VAC (Single Phase)
A-2	INPUT VOLTAGE RANGE	170 VAC to 175 VAC
A-3	NOMIAL INPUT FREQUENCY	50 Hz
A-4	INPUT FREQUENCY RANGE	.+/- 3 Hz
A-5	INPUT POWER FACTOR	0.8 PF
A-6	INPUT CONNECTION	Terminal Block (L/N/G)
A-7	INPUT PROTECTION	Single Way Fuse
A-8	INPUT O/V PROTECTION	Yes
A-9	INPUT O/C PROTECTION	Yes
B	Output Parameters	
B-1	NOMINAL OUTPUT VOLTAGE (2V-PIC)	24vdc/30vdc/36vdc/48vdc/72vdc/96vdc/192vdc/312vdc
B-2	FLOAT VOLTAGE FOR CHARGING	27vdc/ 33.75VDC/40.5VDC/54VDC/81VDC/108VDC/216VDC/351VDC
B-3	FLOAT Settable :-	2.16V to 2.28V Pc using Pot,
B-4	BLOCKS / CELLS	2 Volts & 12 Volts Cells & Batteries
B-5	OUTPUT VOLTAGE REGULATION	0.50%
B-6	CHARGING CURRENT CAPACITY	5/10/15/20/30/40/50/60/70 AMP
B-7	OUTPUT VOLTAGE RIPPLE AT FULL LOAD	1% RMS
B-8	OUTPUT CURRENT RIPPLE AT FULL LOAD	10% of Batt AH Capacity
B-9	OUTPUT POLARITY REVERS PROTECTION	Yes
B-10	PARALLEL APPLICATION	Yes 2 Max.
B-11	OUTPUT CONNECTION	Terminal Block (Batt +/- Batt -)
C	Mechanical Parameters	
C-1	PROTECTION GRADE	IP- 21
C-2	VANTILATION	Forced
C-3	COOLING	Air Cool
C-4	CABLE ENTRY	Rear Side
C-5	COLOR OF PANEL	Siemens Gray
C-6	SHEET METAL THICKNESS	1.2 mm to 2 mm
C-7	DIAMENSIONS	Depend on Required Capacity

FROM: - ABC POWER SOLUTIONS.

TECHNICAL DATA SHEET WITH CCT DIAGRAM OF BATTERY CHARGER

D	Control and Indications	
D-1	CHARGER MAINS ON/OFF	Switch (Optional Only)
D-2	MAINS ON	LED -1 Green
D-3	OVERVOLTAGE	LED -2 Red (Off)
D-4	CHARGER ON	LED -2 Red (On)
D-5	BATTERY REVERS CONNECTION (O/P SHORT)	LED-3 Yalow (On) If Required
D-6	DIGITAL METERS	OPTIONAL If Required
E	ENVIRONMENTAL PARAMETER	
E-1	OPERATION TEMPERATURE	0 TO 55 C
E-2	STORAGE TEMPERATURE	.-10 TO 70 C
E-3	RELATIVE HUMIDITY	0 TO 95 Rh Non Condensing
E-4	MAX. ALTITUDE WITH FULL RATING	1000 M
E-5	ALTITUDE DERATING	1.5% Per 1000 m Between 100 m to 2000 m
E-6	ACOUSTIC NOISE WITH RATED LOAD AT 1 METER	< 55 DBA
F	ACCESSORY	
F-1	USER MANUAL	Yes



NGP - Battery Chargers Marketed by ABC Power Solutions

FROM: - ABC POWER SOLUTIONS.