Technical Features  Battery Charger		
	INPUT	
AC INPUT VOLTAGE	220VAC, 1Ø	
AC INPUT WORKING RANGE	170VAC TO 270VAC	
FREQUENCY	50Hz ± 6%	
INRUSH CURRENT	LIMITED BY NTC THERMISTER	
SURGE VOLTAGE PROTECTION	MOV	
EMI/EMC	EMI-RFI FILTER AT INPUT	
	OUTPUT :	
	12VDC / 24VDC (user selectable according to battery)	
VOLTAGE & CURRENT	OUTPUT CURRENT	20A MAX
	(USER SELECTABLE IN STEPS OF 4A)	
Static regulation	± 1 %	•
RMS CURRENT RIPPLE	≤ 5%	
CHARGING PROFILE	MULTI STEPS CHARGING (PL	EASE SEE TABLE-1)
	INDICATION & ALARM:	·
	OUTPUT VOLTAGE	
	OUTPUT CURRENT	
LCD DISPLAY PARAMETERS	STEP NUMBER	
	SYSTEM VOLTAGE	
	CHARGER STATUS	
BUZZER	CHARGE FINISH	
	BATTERY REVERSE PROTECTI	ION.
	SHORT CIRCUIT PROTECTION	
PROTECTIONS :	SPARK PREVENTION WHILE CONNECTING BATTERY CLIPS.	
	AUTOMATIC SHUT OFF WHE	N BATTERY IS SCONNECTED.
	AC INPUT FUSE.	
	GENERAL	
NUMBER OF BATTERY	MAX. 2 NO OF 12V	
CONTROL	HIGH FREQUENCY PWM	
COOLING SYSTEM	FAN COOLED	
OPERATING TEMPERATURE	0°C TO 50°C	
RELATIVE HUMIDITY	95% MAXIMUM,NON COND	ENSING
ALTITUDE	1500MTR AMSL	
ENCLOSURE	IP20	
WEIGHT	3.6kg	
DIMENSIONS( H x W x D )	130mm X 240mm X 350mm	

We are committed to continuous development of our products, the specification are subject to change without notice.

## TABLE-1

FOR 12V SYSTEM		
	2 <sup>nd</sup> STEP (FLOAT)	
CHARGING VOLTAGE	MAX. 13.5V	
CHARGING CURRENT	MAX. 0.8A	
TRANSITION CONDITION		

FOR 24V SYSTEM	
	2 <sup>nd</sup> STEP (FLOAT)
CHARGING VOLTAGE	MAX. 27.0V
CHARGING CURRENT	MAX. 0.8A
TRANSITION CONDITION	

• IN FLOAT MODE, IF VBATT < 12.8V / 25.6V, CHARGING PROCESS WILL START AGAIN.