



BATTERY CHARGER RECTIFIER

SAE

DC POWER SUPPLY AND BATTERY CHARGER RECTIFIER FEATURES :

1. CONSTANT VOLTAGE AND CURRENT LIMITING
2. FLOAT AND BOOST CHARGER SELECTOR SWITCH
3. FULLY AUTOMATIC CHARGING
4. EASY INSTALATION AND USE
5. COMPACT SIZE AND FLEXIBLE DIMENSION
6. HIGH EFFICIENCY
7. CUSTOM BUILT DESIGN

APPLICATIONS :

1. CONTROL PANEL
2. TELECOMMUNICATION EQUIPMENT
2. ENGINE STARTING AND CONTROL
3. SWITCH GEAR TRIPPING AND CONTROL
4. EMERGENCY LIGHTING AND EMERGENCY SHUTDOWN

TECHNICAL SPECIFICATION

ITEM		UNIT	SPECIFICATION		REMARKS
MODEL			THYRISTOR	SMR	
INPUT	VOLTAGE	V _{ac}	110, 220 ± 15% 380V ± 15%	187 - 264 350 - 480	1 PHASE 3 PHASE
	FREQ	Hz	50 / 60	45 – 65	
OUTPUT	VOLTAGE	V _{dc}	12, 24, 48, 110	24, 48	
	CURRENT	A _{dc}	3, 6, 10, 15, 20, 25, 30, 35, 40, 50, 75	30, 50, 100 A per Module. System paralleling up to 1000A	
OUTPUT RIPPLE VOLTAGE NOISE			1%, 5%, 20%	< 2 mv	
CHARGING CHARACTERISTIC			CONSTANT VOLTAGE / CURRENT LIMITING		
REGULATION		%	± 2	< 0,5	LINE / LOAD
CURRENT LIMIT		%	± 10 NOMINAL		ADJUSTABLE
TEMPERATURE		°C	0 TO 55		
PROTECTION			SHORT CIRCUIT OVER CURRENT LIMIT		
HUMIDITY		%	0 TO 90		NON CONDENSING
ALARM			AC MAINS FAILURE, RECTIFIER FAIL, BATTERY HIGH/LOW VOLTAGE, GROUND FAULT		