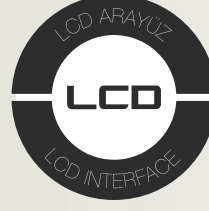


RECTIFIER



HIGH EFFICIENT Rectifiers...

Rectifiers with 1-3 phase input DC output are advanced technology products for use of industry, education, military and financial areas, business center, computer and communication systems. This device is produced with on line system and has a constant DC voltage for loads connected. Thus, there is no transition in case of power cut.



RECTIFIER		16-30-60-100-120	30-60-100-150-200	60-100-200-300-400	60-100-200-300-400		
MODEL	Output Voltage VDC	24	48	110	220		
	Possible Current Value	16-5000	16-1000	16-1500	16-1500		
INPUT	Voltage	220 VAC / IP+N, 380 VAC / 400 VAC / 420 VAC, + %10, - %15,3 P+N (3P, 3W Optional)					
	Frequency	50 Hz / 60 Hz ± 10%					
	Power Factor	< 0.8					
OUTPUT	Protections	MCB or MCCB / High Voltage Protection (metal oxide varistor)					
	Voltage	24 VDC / 48 VDC / 110 VDC / 220 VDC and Other					
	Current	Lock at the Table Above					
	Current Limitation/Cut-Off	Adjustable Between 10% - 115% / Adjustable Between 10% - 250%					
	Protection	Thermic Magnetic Circuit Breaker (Ic > 16KA)					
	Efficiency (full load)	24 VDC > 80% / 48 VDC > 80% / 110 VDC > 90% / 220 VDC > 90%					
	Voltage Surge	< 1% RMS (< 0.5% optional)					
RECHARGE	Voltage Regulation	< 1% (from 10% to 100% load)					
	Recharge Characteristic	U-I Characteristic					
	Recharge Mode	Automatic / Manual					
	Recharge Type	Float / Boost					
GENERAL	Float / Boost Charge Adjustment	Adjustable 90% - 115% / Adjustable 90% - 115%					
	Protection Class	IP20					
	Cooling	Forced Cooling, Natural Cooling (optional)					
	Color	RAL 7032 (other colours optional)					
	Cable Input	Bottom Side					
	Construction	Upright Type, 19" Rack / Depends on Current and Voltage Value					
AMBIENT	Ambient Temperature	-5 °C — +5 °C					
	Storage Temperature	-40 °C — +70 °C					
	Relative Humidity	0 - 90% (non condensing)					
	Ambient Altitude	0 - 2000m.					
STANDARDS / OPTIONS	Compatibility	IEC 950, 439, 146, 529, 62040-1, 2, 3					
	CE Directives	72 / 23 / EEC - LVD and 89 / 336 / EEC - EMC					
	Rectifier	Diode Dropper, Free Contact, Mesuring Tools					
	Battery	Battery Protection, Battery Cabinet					
	System	Parallel Operation, DC Distribution					
	Mechanical	IP31 / IP42 / IP55 / IP65					
		VALUES				DIMENSIONS mm	
		24V	48V	110V	220V	S1	500x450x1000
15A	-	-	-	-	S1		
30A	-	S1	S1	S1	S2	S2	600x600x1300
60A	S1	S1	S2	S2			
100A	S1	S2	S2	S2	S3	S3	750x700x1600
150A	S2	S2	S3	S3			
200A	S3	S3	S3	S3	S4	S4	800x800x1600
300A	S3	S3	S4	S4			