

Rectifier Tables: Triphasic Uncontrolled

Diego Trapero

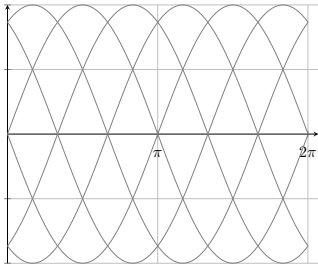
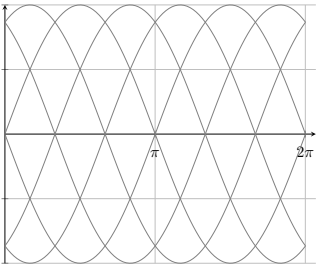
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1 Rectifier Tables

1. Monophasic Uncontrolled Rectifiers with R load
2. Monophasic Uncontrolled Full Wave Rectifier loads
3. Monophasic Controlled Full Wave Rectifier, R vs RL load
4. **Triphasic Uncontrolled Rectifiers with R load**
5. Triphasic Controlled Half Wave Rectifier, R vs RL load
6. Triphasic Controlled Full Wave Rectifier, R vs RL load

1.1 Triphasic Uncontrolled Rectifiers with R load

What	3 Φ Half Wave Rectifier	3 Φ Full Wave Rectifier
Circuit Diagram		
v_o		
Peaks/period	3 peaks/period	3 peaks/period
Period	$\frac{2\pi}{3}$	$\frac{2\pi}{6} = \frac{\pi}{3}$
Integration limits	$\frac{\pi}{6}, \frac{5\pi}{6}$	
Load Voltage	Phase Voltage	Line Voltage
\bar{v}_o		
Diode table		
i_o	