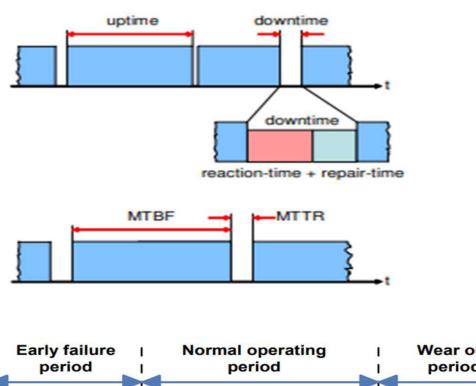
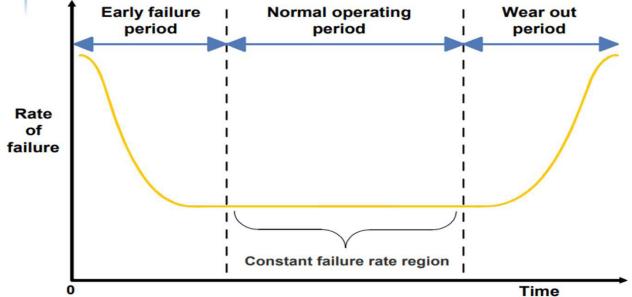


Prachith's Infotech Marketers

15KVA(3:3) => Model -TTI50015 Online UPS System MTBF-MTTR-AVAILABILITY & AFR

AVAILABILITY & AFR						
MTBF	=	Hours in a Year				
MIDI		AF	R		Mean Time B	etween failure
Failures are defined as critical load drops caused by anything, including human error.						
During the	samnla na	riod twenty fi	ivo failuros	wara ranor	ted So based on the	definition of failure established
						eived, diagnosed, and repaired
	e AFR calcu				ion pronuces were re-	
•						
AFR is Calo	culated As					
						7
4.50		25 failures	X (52 week		26 weeks in sample	
AFR	=			period)		-
				1000		
				25x2		1
	=			1000		1
	=			0.05		1
						-
MTDE	_			8760		
MTBF	=			0.05		hours
MTBF	=			175200		hours
MTBF	=			20		Years
				=		
	M	TTR				4 hours
			_			
Availability			=		MTBF	
			-	MTBF+MTTR		
			•	•		
					175200	
Availability			=	175200+4		
					1752	200 - 1
				175200		
	Availabil	ity	=	175200		
	Availabil	ity	=	0.999977169		





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