

TITAN

TOP EFFICIENCY POWER PROTECTION FOR DATACENTERS

100kVA ~ 300kVA

Titan offers highest protection and efficiency together with a Battery Care System that enhances strongly the battery life time.



PERFECT FOR:



Small/medium datacenter



Medical equipment



Critical loads



Industry

FEATURES



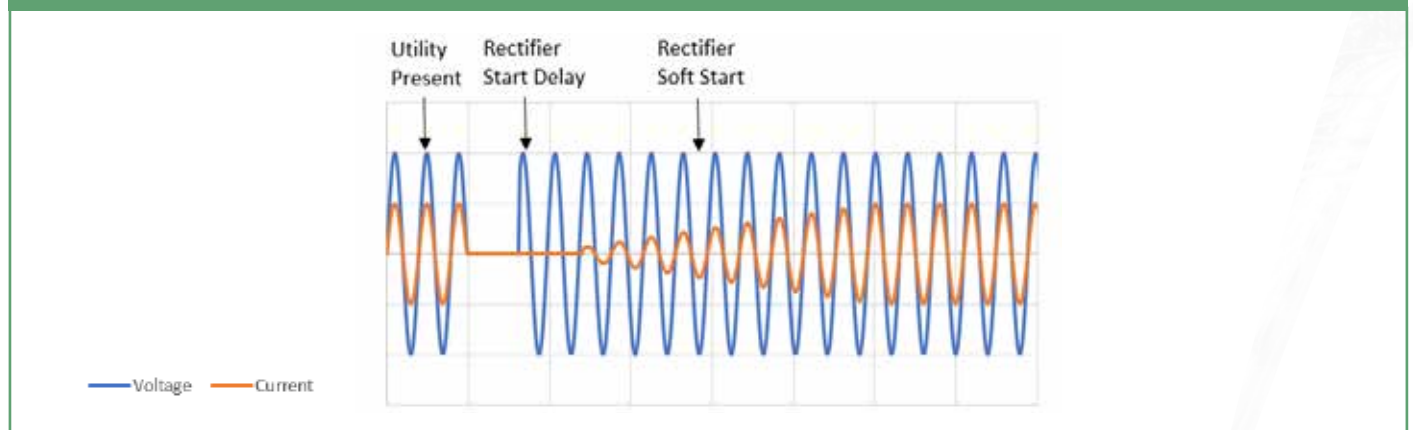
- Power Factor 1, up to 96% efficiency
- THDi <3% for a minimized grid impact
- Operates leading and lagging loads without derating
- Generator compatibility with ramp up configurable in power and time delay
- Battery Care system, to improve battery life
- Dual input and internal manual bypass
- Parallelable up to 6 units, in power or redundancy
- Separate or common batteries for parallel systems
- Wide communication possibilities: two com slots, RS232 and USB
- Neutral disconnection for safe maintenance
- Front access for maximum service ease

OPTIONS



- Cold start
- SNMP, RS485, Modbus board, Thermal probe
- Programmable dry contacts
- Parallelable version
- Common battery for parallel systems
- Centralised bypass
- Version with internal transformer
- Touch screen display and LED status for quick and user friendly operation

GENERATOR COMPATIBILITY



SPECIFICATIONS

MODEL		TITAN 100	TITAN 125	TITAN 160	TITAN 200	TITAN 250	TITAN 300
INPUT	Voltage	400 Vac 3-phase with neutral					
	Voltage Tolerance	-20%, +15% (rectifier)					
	Frequency	45 to 65 Hz					
	Power Factor	> 0.99					
	THDi	< 3%					
OUTPUT	Voltage	380/400/415 Vac 3-phase with neutral					
	Voltage Tolerance	Static: ±1%; dynamic IEC/EN 62040-3 Class 1					
	Power Factor	1					
	Frequency	50/60 Hz					
	Frequency Tolerance	±0.001 (free running)					
	Crest Factor	3:1					
	Voltage Harmonic Distortion	<1% with linear load; <5% with distorting load					
	Overload	125% for 10 minutes, 150% for 30 seconds		125% for 5 minutes, 150% for 30 seconds			
BATTERY	Number	60~62 pcs configurable					
	Charging current Max (A)*	Up to 50A			Up to 100A		
	Common battery for parallel configuration	Yes					
EFFICIENCY	VFI Mode	Up to 96%					
	ECO Mode	≥ 98%					
BYPASS	Voltage	380/400/415 Vac 3-phase with neutral					
	Voltage Tolerance	±10% (selectable)					
	Frequency	50/60Hz (selectable)					
	Frequency Tolerance	±10Hz (selectable)					
GENERAL	Parallel	Up to 6 units					
	Dimensions (WxDxH) mm	560x940x1800			850x950x1975		
	Weight (kg)	320	360	380	720	850	930
	Protection Grade	IP20					
	Display and MMI	Color LCD touch screen					
	Built-in Communication Port	USB, serial RS232, EPO, battery circuit breaker/external maintenance bypass circuit breaker/diesel mode aux. cont.					
	Optional Communication	SNMP slots, RS-485 modbus card, extra dry contact card, remote system monitoring panel					
	ENVIRONMENT	Operation Temperature	0~40°C				
Operation Humidity		0~95% (without condensation)					
Tested to standards		IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3					
Mark		CE					
Noise Level		<60dBA @ 1 meter					

Specifications subject to change without notice