

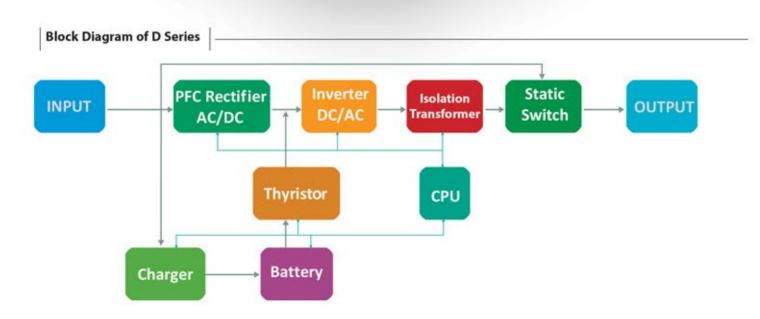


True On Line Double Conversion Low Frequency Built-in Isolation Transformer Inverter Design Using IGBT Module Long Backup Charger User Friendly Operation High Performance System Micro Processor Control Wide Input Voltage Range High Overload Capacity Dual (Auto / Manual) Bypass Switch

MTTR: 30min MTBF: 150000 Hours













- · High Performance System
- · On-Line Double Conversion Topology
- · True Sine Wave Output
- Microprocessor Controller
- AVR design, Expandable Input Voltage range 165 VAC ~ 280 VAC
- · Transformer Base
- · Built-In Isolation Transformer Provide Clean and Steady Power
- · Lighting and Spike Protection
- Electromagnetic / Radio frequency Interference (EMI/RFI) Filter Protection
- Outstanding Overload Capacity (Maintains Up to 30 Seconds of 150% Overload)
- · User Friendly Operation
- LED and LCD Display UPS Status and internal Messages
- Smart Computer Interface (RS232 Standard)
- · Remote Monitoring, Control and Schedule Switch On/Power down Capable
- External Battery Packs for extra runtime (0.5~2 hrs.)
- · Long Backup Series Contain 10A High Capacity Charger and Up to 8 Hours of Discharge Time
- EPO (Emergency Power off)
- · Dual (Auto / Manual) Bypass Switch
- · MTTR: 30 Min
- MTBF: 150000 Hours





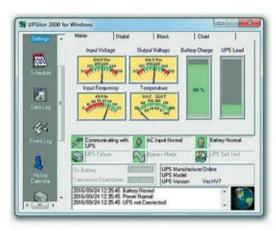






Models			QZL 3 KVA	QZL 6 KVA	QZL 10 KVA	QZL 15 KVA	QZL 20 KVA	
Capacity (VA/W)			3000VA/2400W	6000VA/4800W	10000VA/80000W	15000VA/12000W	20000VA/16000W	
	Topology		True on line Double					
System	MTBF			150000 Hours				
	Feature		Low Frequency, Transformer Base ,Inverter Design using IGBT module					
	remare	The state of the s						
	Transfer time	Utility to battery	Omes					
		Utility to Bypass	Omes	-2		1740 24 30		
Input	0.000.000	Phase		Single phase + Ground Three phase + N + G				
	Rated voltage		220/230/240 VAC 380/ 400/ 415 VAC					
	Voltage Range		±25%					
	Frequency Range		50/60 Hz±5%					
	Max input current(110V)		36 A	72 A	102 A	-		
	Max input current(220V)		18 A	36 A	60 A	36 A @ 380VAC	40 A @ 380VAC	
	Bypass Voltage Range		170VAC-270VAC 285 VAC - 485 VAC					
	Generator		supports any Generator					
Output	Phase		Single phase + GND					
	Rated voltage		220/230/240VAC					
	Voltage		21%					
	Range		To the second se					
	Prequency System		50/60 Hz±0.05					
	Power Factor		0.8					
	THD		≤ 3% (linear load)					
	Crest Factor		31					
	Wave form		Pure sine wave					
	Туре		Sealed lead acid. Maintenance free					
	Voltage		48 VDC		192 VD	c		
Battery	Charge current		4.2A	14A	14A	14A	144	
	Recharging Time To 90%		8~10 hours (standard)					
	Battery Socket		Hard wire					
Protection	Overload		\$110% Continuously \$125% after 10 min switch to bypass					
			≤150% after 1 min switch to bypass					
	Short Circuit		Hold whole system					
	Overheat	Ac Mode	Bypass switch					
		Back up Mode	Immediate UPS Shut	t down				
	Low Battery		Alarm / switch off					
	Self-diagnostics		Upon power on and software control					
	EPO(optional)		Immediate UPS Shut down					
	Battery		Advanced battery management					
Alarms	Audio / Video		line Failure, low Battery Overload, Faulty system					
Display	LCD		working mode ,IP and op voltage ,IP and op frequency ,Battery voltage ,Ioad UPS, temperature					
	LED		inverter on, UPS fau	lt				
	Dimension(W*H*D)mm		670*230*538	630*230*710	650*305*865	725*430*1180	745*450*1200	
	Net Weight (Kg)		75	96	115	262	310	
	Input Connection		Hard wire					
	mper connection	n	naro wire	Hard wire				
Physical	Output Connect		-					
Physical		ion	-					
Physical	Output Connect	ion Connection	Hard wire					
Physical Communicatio	Output Connect External Battery Protection degre	ion Connection	Hard wire Hard wire IP 20	optional)				
	Output Connect External Battery Protection degree	on (Connection ee	Hard wire Hard wire IP 20 RS232,SNMP card (c	optional)				
	Output Connect External Battery Protection degree Interface Operating Temp	connection ee	Hard wire Hard wire IP 20 RS232,SNMP card (c 0°40	optional)				
Communicatio	Output Connect External Battery Protection degree Interface Operating Tempor	connection ee	Hard wire Hard wire IP 20 RS232,SNMP card (c 0°40 -25-55°c	optional)				
	Output Connect External Battery Protection degree Interface Operating Tempor Storage Tempor Humidity	connection ee	Hard wire Hard wire IP 20 R5232,5NMP card (c 0°40 -25~55°c 0%°95%	optional)				
Communicatio	Output Connect External Battery Protection degree Interface Operating Tempor	connection ee	Hard wire Hard wire IP 20 RS232,SNMP card (c 0°40 -25-55°c	optional)				







## Power Management Solutions-UPS, Software, Cable Providers

## Features:

- Provides True RS232 Communication
- Intelligent Computer Interface- Upsilon 2000
- Supports NetWare, Windows 98/200/NT/ME/XP,Linux
- Remote UPS monitoring through TCP/IP for internet or LAN
- Power Failure /Low Battery Detection
- Graceful OS shutdown
- Broadcasts / Records abnormal power status
- Programmable shutdown timer and warning period
- Flexible Setting for Auto System Turn-on/off
- Graphical display of UPS status
- Automatic files saving
- Sends warning message by e-mail/to pager
- Data log power problem analysis USB Interface

## Power management facility through USB port

 SNMP/HTTP (optional) allows real time control/monitor Via LAN/Web by MIS dept.

## **Features**

