

ePOWER Series

ePI 10-ePI 20KVA
eP 30- ep 120 KVA
3:3 Phase

Application:

Servers, Data centers, Industrial
PLCs Telecommunication devices.



eP 30-120KVA

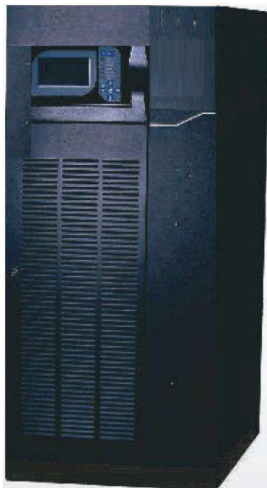
Features:

- > Wide input voltage range
- > Small footprint
- > LCD display
- > High efficiency
- > Internal Static and Maintenance / Manual Bypass Switch
- > Galvanic isolation during normal operation
- > Intelligent automatic battery test (every 24Hrs)
- > Compatible with all platforms
- > Onboard self diagnostic system
- > (Remote) Monitoring and Auto-shutdown software
- > SNMP adapter ready (option)
- > Unique parallel/ parallel redundant capability
- > Ability to handle 100% phase imbalance on output while
- > Maintaining perfect balance on the Input phases.

UNIQUE LCD DISPLAY



Digital control



ePI 10-20KVA

Advanced Communication

- Compatible with Tele Guard for remote maintenance advanced, multi-platform communication, for all operating systems and network environments: supervision and shut-down software included, with SNMP agent, for Windows 95, 98, NT 4.0, 2000, 2003, Me, XP, Mac OS X, 9x, Unix, Novell operating systems.
- RS232 serial port
- Dry contact relays
- EPO (Emergency Power Off) shutdown input contact
- Input for switching to bypass by remote signal
- LCD or LED-based remote control panel
- Generator interface: enables desynchronisation of the UPS output from a generator supply which may be subject to phase and frequency variations. The Interface also enables more economic use of the battery charger.

TANIESH TECHNOLOGIES

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(eP Series 3" in 3" out) 10 to 120 KVA

MODELS	ePI3310	ePI3320	eP3330	eP3340	eP 3360	eP 3380	eP 33100	eP 33120
INPUT								
Rated power (kVA)	10	20	30	40	60	eo	100	120
Rated voltage (V)	400 VAC thr hase							
Voltage, frequency range	±20%, 50 Hz± 10%							
Rated frequency	50-60 Hz auto sensing							
Power factor	Upto 0.9							
Distortion of the current absorbed	8% CLEAN version							
Soft start	0-100% in 10"							
BYPASS								
Rated current (A)	14	29	43	58	87	115	145	174
Rated voltage (V)	400 VAC three-phase							
Permitted voltage range	± 15% (selectable from ± 10% to ± 25% from front panel)							
Rated frequency	50/60 Hz auto sensing							
Permitted frequency range	± 2% (selectable from ± 1% to ± 5% from front panel)							
Standard features	Backfeed protection; separate bypass line							
BATTERIES								
Type	Maintenance-free sealed lead-acid							
Maximum recharge current (A)	0.2xC10							
RECTIFIER OUTPUT								
Rated battery voltage	348VDC	384VDC				384-480VDC		
Maintenance voltage	Variable according to temperature (1.5Vx°C)							
Ripple	<1%							
INVERTER OUTPUT								
Number of phases	3+N							
Rated voltage (V)	400							
Rated current (A)	14	29	43	58	87	115	145	174
Output Power Factor	0.7 Standard		0.8 Standard, 0.9 Optional					
Crest factor (Ipeak/Irms)	3: 1							
Waveform	Sine wave							
Static stability	±1%							
Dynamic stability	±5% in 5ms							
Frequency	same as the input (auto range)							
Overload	125% 150% 200% of the rated current for 10/1/1/7"							
Efficiency 11t rated load	Upto 92%		Upto 93%					
Short circuit current	2,8 In (three-phase) 41n (single phase)							
ENVIRONMENTAL								
Remote Controls	ESD and Bypass							
Operating temperature	0+40°C							
Relative humidity	95% (non condensing)							
Colour	Light grey			Black				
Noise	48 to 54 dB A at 1m					53 to 60 dB A at 1m		
Protection rating	IP20							
Compliance	Safety EN62040-1 EMC EN6204(1), 2 Directives 73123-93168-89/336 EEC EN62040-3							
Weight (kg)	210	230	282	330	450	555	610	730
Dimension (WxDxH) (mm)	500x800x1200		555x720x1200		800x740x1400		1070x740x1400	

TANIESH TECHNOLOGIES

SERVICES AVAILABLE ACROSS THE COUNTRY

10

AN ISO 9001:2008 CERTIFIED COMPANY

