

POWER PRO-SERIES



Empower Reliability

Inbuilt Isolation UPS 1KVA To 40 KVA

At KOIRI, we stand at the forefront of innovative power solutions, committed to powering a connected world with unwavering reliability and cutting-edge technology. In an era where uninterrupted power is paramount, KOIRI takes pride in introducing its Isolation Transformer-Based UPS, a pinnacle of power protection technology. Uniting cutting-edge innovation with unwavering reliability, this UPS system stands as a fortress against power disruptions, ensuring the continuous operation of critical systems.

FEATURES

- ✓ Online/Double Conversion
- ✓ Automatic Voltage Regulation (AVR)
- ✓ Surge Protection
- ✓ Generator Compatibility
- ✓ Inbuilt Isolation Transformer
- ✓ Pure Sine Wave Output
- ✓ LCD/LED Display
- ✓ Audible Alarms
- ✓ Overload Protection
- ✓ Hot-Standby Feature (1+1)

APPLICATIONS

- ✓ Data Centers
- ✓ Industrial Processes
- ✓ Commercial Buildings
- ✓ Oil and Gas Industry
- ✓ Telecommunications
- ✓ Educational Institutions
- ✓ Government Facilities
- ✓ Server Rooms
- ✓ Security Systems

KOIRI Power Pro-Series

Technical Specifications

PRODUCT FEATURE	TX01E041I TX02E041I TX03E041I TX05E161I TX06E161I TX7.5E161I TX10E161I						
CAPACITY	1000VA/800W 2000VA/1600W 3000VA/2400W 5000VA/4000W 6000VA/4800W 7500VA/6000W 10000VA/8000W						
INPUT							
Input voltage (V)	220 V - 230 V						
Frequency (Hz)	45-53 HZ						
Input power factor	>0.8 (FULL LOAD)						
THDI	<5%						
Input voltage range	170-270 VAC						
OUTPUT							
Nominal output voltage (V)	220/230 VAC						
Output power factor	0.8						
Inverter Efficiency	80%						
Overload capacity in normal operation	100-125%- 1 MIN , 125-150% 10 SEC						
Output voltage tolerance	<2%(LINEAR LOAD)						
Output Regulation	BETTER THAN 1%						
COMMUNICATION AND MANAGEMANT							
Technology UPS	ON LINE, IGBT BASED INVERTER						
WEIGHTS AND DIMENSIONS							
UPS, unpackaged/dimensions (H × W × D in)	16"X 8.75" X 19"			21"*11"*21"	21"*11"*21"	23.5"*24"*13.2"	
UPS, unpackaged weight (kg)	34.6 KG	36.6 KG	39 KG	59.35 KG	74 KG	84.65 KG	
BATTERY							
Battery type	VRLA/SMF						
Battery Voltage	48 VDC	48-72 VDC	48-72 VDC	96-180-192 VDC	180-192 VDC	180-192 VDC	
Recharge Time	8 HR FOR 90%						
Charge Current	1 - 9 AMP						
ENVIRONMENTAL							
Relative humidity	0 TO 95% NON-CONDENSING						
Operating Temperature	0 ~ 40° C						
Operating elevation	0 TO 1500 M WITHOUT DERATING						
Audible noise at 1 m from unit	<50DB						
DISPLAY							
Display type	LED + LCD						
Indications LED	MAINS ON, LOAD ON BATTERIS, BATTERY LOW, INVERTER OVERLOAD, LOAD ON MAINS BATTERY BOOST, BATTERY LEVEL GRAPH, LOAD LEVEL GRAPH						
Metering	OUTPUT VOLTAGE, OUTPUT FREQUENCY, OUTPUT CURRENT AND BATTERY VOLTAGE						

All specifications are subject to change without prior notice.

* Runtime in the table are approximate only. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 0.8) output.

KOIRI Power Pro-Series

Technical Specifications

PRODUCT FEATURE	TX10E1631	TX15E1631	TX20E1631	TX25E1632	TX30E1633	TX40E1635
CAPACITY	10000VA/8000W 15000VA/12000W 20000VA/16000W 25000VA/20000W 30000VA/24000W 40000VA/32000W					
INPUT						
Input voltage (V)	300 V- 460 V					
Frequency (Hz)	47-53 HZ					
Input power factor	>0.8 (FULL LOAD)					
THDI	<5%					
Input voltage range	170-270 VAC					
OUTPUT						
Nominal output voltage (V)	220/230 VAC					
Output power factor	0.8					
Inverter Efficiency	80%					
Overload capacity in normal operation	100-125%- 1 MIN , 125-150% 10 SEC					
Output voltage tolerance	<2%(LINEAR LOAD)					
Output Regulation	BETTER THAN 1%					
COMMUNICATION AND MANAGEMANT						
Technology UPS	ON LINE, IGBT BASED INVERTER					
WEIGHTS AND DIMENSIONS						
UPS, unpackaged/dimensions (H x W x D in)	34"*35"*16"			38.5"*21"*37"		
UPS, unpackaged weight (kg)	90 KG	142 KG	165 KG	240 KG	260 KG	290 KG
BATTERY						
Battery type	VRLA/SMF					
Battery Voltage	360 VDC					
Recharge Time	8 HR FOR 90%					
Charge Current	1 - 9 AMP					
ENVIRONMENTAL						
Relative humidity	0 TO 95% NON-CONDENSING					
Operating Temperature	0 ~ 40° C					
Operating elevation	0 TO 1500 M WITHOUT DERATING					
Audible noise at 1 m from unit	<50DB					
DISPLAY						
Display type	LED + LCD					
Indications LED	MAINS ON, LOAD ON BATTERIS, BATTERY LOW, INVERTER OVERLOAD, LOAD ON MAINS BATTERY BOOST, BATTERY LEVEL GRAPH, LOAD LEVEL GRAPH					
Metering	OUTPUT VOLTAGE, OUTPUT FREQUENCY, OUTPUT CURRENT AND BATTERY VOLTAGE					

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EXPLORE FURTHER

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