POWERTEK ELECTRONICS

An ISO 9001:2015 Certified Company

ZX - 7K5

PRO SERIES (7K5 HP)

Product Description

A Three Phase Lift UPS is basically a type a UPS which provides Three Phase output along with a Neutral. It has Three main parts; an Intelligent Battery Charger, Batteries and a Three Phase Inverter. It runs the Three Phase Electrical motors and machinery in the case of any Power failure. It automatically acts upon any grid malfunction/failure by sensing it and gives the power from the battery back up system.

KEY FEATURES

*** Advance Operation Mode**

*** Compatible with Generator**

*** Pure Sinewave Output**

*** Easy Installation**

*** Long Run Battery**

*** Complete Installation support by Industry experts**

*** Improved charge for Low AH Batteries.**

Specification

PRODUCT DETAILS	
Product name	LIFT UPS
Series	PRO Series
Model No.	PRO ZX 7K5
Rating	7.5 HP
Operating DC voltage	180V
No. of Batteries	15
MAINS MODE	
No of Phase	1 Phase - 2 Wire P, N
Voltage Range	170V - 270V AC
Main low Recovery Range	10V
Main High Recovery Range	5V
Frequency Range	50 Hz +/- 3%
Battery Charging Stages	3
INVERTER MODE	
Switching Power Device	IGBT MODULE
Control	PWM
Output voltage	400V AC +/- 1%
Phase	3 Phase - 4 wire R, Y, B, N
Output Waveform	Pure Sine Wave
Frequency	50 Hz (Free running)
Changeover Time UPS/ARD to	0ms
Changeover Time Mains to UPS	0ms
Rated Output Power Factor	0.8
Switch	LIFT UPS ON/OFF
LED Indication	Mains ON, Charging ON, UPS ON, Low Battery, Over Load
Alarm	Battery Low, Overload, Charger ON
Protection	O/L, Short Ckt, O/V, Mains Surge, Over Temp., U/V and O/V Protection
Operating Temp	0 - 50°C
Operating Humidity (RH Value)	Less than 95
Protection Class	IP 20
Low Cut Off	10.5V/Batt. +/- 2%
Battery Low Buzzer	10.75V/ Batt. +/- 2%
Low Cut off Recovery	12V/ Batt. +/- 2%
High Cut Off	15.5/Batt. +/- 2%
High Cut off Recovery	15.0/Batt. +/- 2%
Charging Current by Grid	As per Battery AH
AC OUTPUT	
Output @ No. Load	400 +/- 2%
Output Freqency	50Hz +/- 2%
Output @ Full Batt. to Low Batt	400 +/-
Output Low Cut	330V
Output High Cut	450V
Output Low Retry	1 Time
Output Short Circuit	1 Time
UPS/ARD Backup Time	3 Minutes
Overload	As per Rating
CHARGER	
Switching Element	IGBT
Control Type	Microcontroller
Type of Charger	PFC
Efficiency	95%
Battery Charging Stages	3 Stage Battery Charging to Keep Batteries Ready for Rescue
Power Factor	0.8

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The Power Of A New India

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