

POWER HOUSE DISTRIBUTIONS

Installation Diagram

ST5 - Series three phase in / Three phase out UPS.

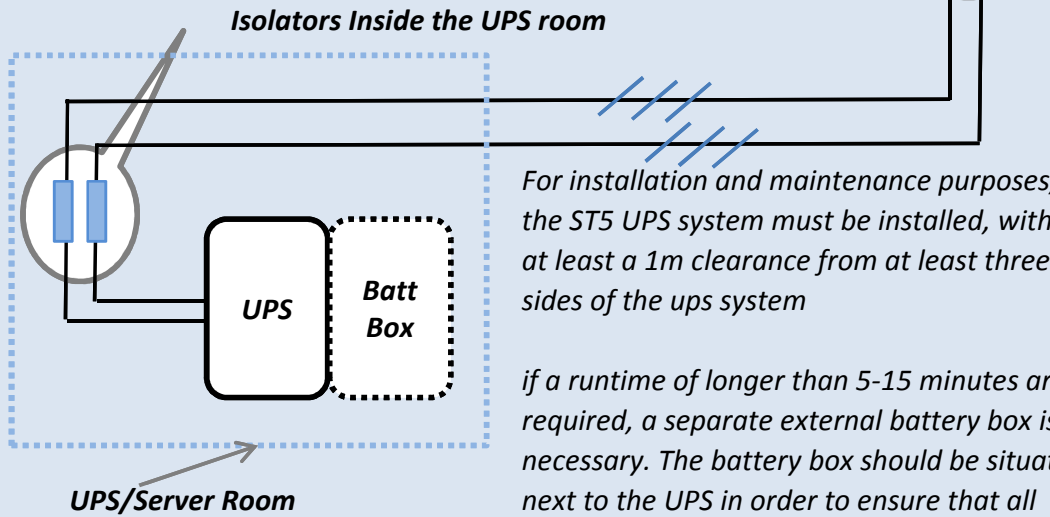
PHD



For more assistance call

011 346 1812

Input/output CB
inside main DB



For installation and maintenance purposes, the ST5 UPS system must be installed, with at least a 1m clearance from at least three sides of the ups system

if a runtime of longer than 5-15 minutes are required, a separate external battery box is necessary. The battery box should be situated next to the UPS in order to ensure that all the DC cables are kept as short as possible.

Model	KVA Rating	Input CB	Output CB	Input Cable Size	Output Cable Size	Cables	Heat Output
ST53310	10KVA	30A - 3P	30A - 3P	6mm ²	6mm ²	IN 4C + E OUT 4C + E	1200Watts
ST53315	15KVA	40A - 3P	40A - 3P	10mm ²	10mm ²		1800Watts
ST53320	20KVA	50A - 3P	50A - 3P	10mm ²	10mm ²		2400Watts
ST53340	40KVA	80A - 3P	80A - 3P	25mm ²	16mm ²		4800Watts
ST53360	60KVA	125A - 3P	125A - 3P	50mm ²	35mm ²		7000Watts
ST53380	80KVA	150A - 3P	150A - 3P	70mm ²	50mm ²		9600Watts
ST533100	100KVA	200A - 3P	200A - 3P	95mm ²	70mm ²		12000Watt

Please note:

- ⇒ The UPS system must be installed in a well ventilated or air-conditioned room, the ideal room temperature for the batteries and the UPS system is 25 °C - 30 °C every degree above 30 °C could shorter the life span of your batteries, and excessive temperatures may cause damage to the UPS.
- ⇒ Access must be restricted to the UPS system.
- ⇒ All AC cabling must be completed before PHD, will come to site and the UPS and the battery installation, if we get to site and the installation isn't complete and we have to come out a second time, then we will charge for a second call-out.