



- Notes:**
- The system must be installed on a level floor and in a clean environment suitable for electronic equipment.
  - Ambient temperature range: 0–40C; Recommended operating range: 20–25C;  
Maximum relative humidity: 95% non-condensing.
  - Minimum Clearances for ventilation & service around the UPS cabinet are:  
Overhead of UPS: 500mm clearance required for ventilation  
Rear of UPS: Observe minimum clearance requirements for air flow. refer to table.  
Front : 900mm clearance in front of the UPS cabinet is required for User & Service Access  
Side : No clearance required
  - Bottom cable entry at front of cabinet or rear entry through removable gland plate
  - All wiring and cabling is to be in accordance with National and Local Electrical Standards
  - No provision for batteries within UPS cabinet
  - Cabinet shown with bolt-down brackets fitted. These can be removed, UPS is fitted with wheels and levelling screws

UPS Installation Specifications																
UPS Rating		Rated AC Input Voltage	Rated AC Output Voltage	Rectifier AC Input Current		Bypass Input current		Battery Current (40 batteries, 100% load at end of discharge)	Inverter AC Output Current	Input & Output cable max. size	Battery cable max. size	Earth cable max. size	Net Weight	Floor loading		Air Flow Requirement
				Nominal	Maximum	Nominal	Maximum							Point Loading	Distributed Loading	
kVA	kW	VOLT	VOLT	AMP	AMP	AMP	AMP	AMP	AMP	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	kg	Points/kg	kg/m <sup>2</sup>	Litres/s
80	72	400/230 -15%, +20%	400/230	125	131	115	133	193	115	95	120	95	283	8/35	590	300
100	90			154	164	144	166	241	144	95	120	95	283	8/35	590	350
120	108			187	197	173	199	290	173	120	150	120	311	8/39	648	400

\*Drawings and UPS Specifications are subject to change.

 Powering Business Worldwide	<table border="1"> <tr> <th>DRAWN</th> <th>SCALE</th> <th>FILENAME:</th> <th rowspan="2">A4</th> </tr> <tr> <td>01.05.13</td> <td>NTS</td> <td></td> </tr> </table>	DRAWN	SCALE	FILENAME:	A4	01.05.13	NTS	
	DRAWN	SCALE	FILENAME:	A4				
	01.05.13	NTS						
<table border="1"> <tr> <th colspan="2">TITLE</th> <th rowspan="2">DRAWING NUMBER</th> <th rowspan="2">REV</th> </tr> <tr> <td colspan="2">SITE PLANNING GUIDE</td> <td>SITEPLAN_93E_80-120kVA</td> <td>1</td> </tr> </table>	TITLE		DRAWING NUMBER	REV	SITE PLANNING GUIDE		SITEPLAN_93E_80-120kVA	1
TITLE		DRAWING NUMBER			REV			
SITE PLANNING GUIDE			SITEPLAN_93E_80-120kVA	1				

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES.