

**WBEIDC LTD**

**TECHNICAL CORRIGENDUM**

<b>UPS 6 KVA ONLINE</b>			
<b>S.NO</b>	<b>Parameter</b>	<b>Specifications</b>	<b>Compliance</b>
01	Capacity	6KVA/4800 W	
02	Model	Bidder to specify	
03	Design	True online double conversion design	
04	Nominal Input Voltage	208/220/230/240V	
05	Nominal Input Frequency	50Hz with range of 46 - 54Hz	
06	Input Power Factor	≥ 0.99 at 100% Load	
07	Type of Rectifier	IGBT based	
08	Nominal voltage regulation	1%	
09	Inbuilt OVCD	Yes	
10	Charging Method	Constant voltage constant current (CVCC)	
11	Charging current Capacity	26A max	
12	Number of Batteries	16 – 20 Blocks for Long run models.	
13	Type of Batteries	Depending on applications	
14	Back up	Max 10 hrs on full load with inbuilt charger.	
15	Load power factor	0.8	
16	Nominal Output voltage	208/220/230/240VAC	
17	Output Frequency	Frequency Range (Batt. Mode): 50 Hz ± 0.1 Hz ; Frequency Range (Synchronized Range): 46Hz ~ 54 Hz @ 50Hz system	
18	Output Waveform	Pure sine wave	
19	Total Harmonic distortion (THD)	<=3% for Linear load & <=7% for Non linear load	
20	Inverter	IGBT based PWM with Instantaneous Sine wave control	
21	Power Rating	6KVA / 4.8KW	

22	battery Type	Sealed, lead-acid, maintenance-free battery, li ion battery	
23	back up	16 Nos Exide 12V 26AH Battery	
24	Dynamic response	IEC62040-3 Classification 1	
25	Crest factor	3:1	
26	Duty.	Continuous duty	
27	Overload Capacity	AC mode:100%~110%: 10min、 110%~130%: 1min、 >130% : 1sec ; Battery mode: 100%~110%: 30sec、 110%~130%: 10sec、 >130% : 1sec	
28	Frequency synchronization Band for Static. Bypass	46 - 54Hz	
29	Transfer (Inverter to Bypass)	0 ms	
30	Retransfer ( Bypass to Inverter)	0 ms	
31	Manual bypass facility	No	
32	Change over from static bypass to manual bypass	No	
33	Automatic Bypass	Inbuilt	
34	Inverter Efficiency (DC to AC)	AC mode : > 93% ;	
35	Overall efficiency (AC to AC)	Upto 91%	
36	Acoustic Noise Level	Less than 58dB @ 1 Meter	
37	Ambient Temperature	0 - 40 Deg C	
38	Storage Temperature	-15°C~60°C	
39	Humidity	<95 % and non-condensing	
40	Altitude	<1000m	
41	Enclosure Protection Grade	IP 20	
42	Cooling	Forced Air	
43	Dimension (in mm) & Weight (in Kg)	H = 318mm,W = 190mm, D = 369mm & Weight of 21Kg for long run model .	
45	<b>Metering (Digital display)</b>		
46	Input voltage		
47	Battery voltage	Indications are in the form of LED's-	

48	Output voltage	Battery LED, Inverter LED, Bypass LED, Line LED, Fault LED; ALSO 5 LED;s are for indicating the LOAD % during Mains mode, and Battery charge status during Battery Mode.	
49	Output current		
50	Output frequency		
51	Input Frequency		
52	Heat sink temperature		
53	<b>Fault indicated on Digital Display Alarms</b>	LED indication display	
54	input fail	Inbuilt and accessible on LCD Display.	
55	Battery Low		
56	Transfer to bypass and system fault		
57	LED Indications		
58	Protection	Overload/Short Ckt/Battery Deep Discharge/Low Battery/Reverse Battery/Inverter Current Limitation/Over Temperature/Output Overvoltage.	
59	Optional features	RS 232 communication port for interfacing, Remote monitoring	
60	Testing standards	<b>Safety:</b> IEC/EN 62040-1-1	
61	Surge Protection standard	<b>SURGE :</b> IEC/EN 61000-4-5	
62	Noise standard	<b>EMI:</b> Conducted Emission (Category C3) IEC/EN 62040-2, Radiated Emission IEC/EN 62040-2	
63	Other Standards	<b>EMS :</b> (Level 4)	
64		ESD - IEC/EN 61000-4-2	
65		RS - IEC/EN 61000-4-3	
66		EFT - IEC/EN 61000-4-4	
67		CS - IEC/EN 61000-4-6	
68		Power-frequency Magnetic field - IEC/EN 61000-4-8	
69		Low Frequency Signals - IEC/EN 61000-2-2	
70	BIS	IS standard	
71	Quality standard	IS 9001-2015	
72	Environment standard	ISO 14001	
73	OSHAS	ISO 45001	

74	IT security management	ISO 27001	
75	NABL Approved test report	Yes	
76	Top 5 company in terms of revenue	Yes,Frost and sullivan report	
77	Acessories	Rack & Interlink	
78	Warranty	3 year onsite warranty including battery	