

Model No: SE.SDU –48V

Technical Specification			
	Model	3000VA	4000VA
Input (Grid)	Voltage	120V to 275V AC	
	Frequency	47Hz to 53Hz	
	Phase	Single Phase with Ground	
	Protection	AC MCB Provided	
	Electrical Connection	Line, Neutral and Ground(3 Pin Power Card)	
Output (Inverter)	Wave Form	Pure Sine Wave	
	Out Put Voltage (AC)	220VAC \pm 1%	
	Output Frequency	50Hz \pm 1%	
	Output Power	2400Watts	3200Watts
	Power Factor	0.8	
	Efficiency (%)	>85%	
	Voltage Regulation	\pm 1%	
	Distortion (THD)	< % 5 on Resistive Load	
	Forced Ventilation	Through Cooling FAN	
Electrical Connection	Line, Neutral and Ground(15Amps Output Socket)		
Load Details	3000VA/48V	14 Tube Lights+14 Fans + 2 CTV (or) 8 Tube Lights +4 Fans+4PCs	
	4000VA/48V	14 Tube Lights+14 Fans + 4 CTV (or) 10 Tube Lights +6 Fans+6PCs	
Protections	Over Load	120% <60 Seconds,150% <30 Seconds & 200%, Tripp off	
	Heavy Load	Tripp off ,Retry for 5 times & permanently Output OFF	
	Short circuit	Tripp off, Retry for 5 times & permanently Output OFF	
	Over Heat Protection	>85°C Output OFF	
	Battery Low Voltage Warranting	40.00V	
	Battery Low Voltage CUTOFF	36.00V	
	Battery Reverse	DC MCB Provided	
Battery	DC Voltage	48V	
	Type	Lead Acid, Tubular & SMF	
	Charging Current	0.5A to 15A	
Transfer Time	Grid to UPS & INV Mode Transfer Time	Grid to BACKUP in UPS MODE 10mSec BACKUP to Grid in UPS MODE 15mSec Grid to BACKUP in INV MODE 40mSec BACKUP to Grid in INV MODE 15mSec	
Grid Input Window (UPS Mode)	Grid Input Low Cut	<190VAC	
	Grid Input Low CUT Recovery	>200VAC	
	Grid Input High CUT	>270VAC	
	Grid Input High CUT Recovery	<260VAC	
Grid Input Window (INVMODE)	Grid Input Low CUT	<160VAC	
	Grid Input Low CUR Recovery	>170VAC	
	Grid Input High CUT	>270VAC	
	Grid Input High CUT Recovery	<260VAC	
Display	LCD	Battery Voltage/Mains VAC/Charger On–Off/ Output VAC/Wattage of load/Low Battery/ Low Battery CUT/ Over Load/Heavy Load/Short Circuit and Excess Heat.	
Overall	Temperature	0–60°C	
	Humidity	0–95% Non–Condensing	
	Dimensions (LxWxH)mm	470X350X155	470X350X155
	Weight	32.00Kgs	36.00Kgs

*** Due to Continuous Development Specifications is Subject to Change without Notice.