

Model No: SE.SDU-24V

Technical Specification				
	Model	1500VA	2000VA	
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	1200Watts	1600Watts	
	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	1500VA/24V	8 Tube Lights+7 Fans+1CTV (or) 4Tube Lights +4 Fans+2PCs		
	2000VA/24V	10 Tube Lights+10 Fans+1CTV (or) 4Tube Lights +4 Fans+4PCs		
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	20.00V		
	Battery Low Voltage CUTOFF	18.00V		
	Battery Reverse	DC MCB Provided		
Battery	DC Voltage	24V		
	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	265x280x125	265x280x125	
	Weight	19.00Kgs	23.00Kgs	

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