

Model:SE.SDU - 12V

Technical Specification				
	Model	600VA	800VA	1000VA
<b>Input (Grid)</b>	Voltage	120V to 275V AC		
	Frequency	47Hz to 53Hz		
	Phase	Single Phase with Ground		
	Protection	Fuse		
	Electrical Connection	Line, Neutral and Ground(3 Pin Power Card)		
<b>Output (Inverter)</b>	Wave Form	Pure Sine Wave		
	Out Put Voltage (AC)	220VAC $\pm$ 1%		
	Output Frequency	50Hz $\pm$ 1%		
	Output Power	480 Watt	640 Watt	800 Watt
	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)			
<b>Load Details</b>	500VA/12V	3Tube Lights+3 Fans(or)1Tube Light +1Fan+1PC		
	600VA/12V	4 Tube Lights+3 Fans (or) 2Tube Lights +1Fan+1PC		
	800VA/12V	4 Tube Lights+4 Fans (or) 2Tube Lights +2Fans+1PC		
	1000VA/12V	4 Tube Lights+4 Fans + 1 CTV (or) 2Tube Lights +2 Fans+2PCs		
<b>Protections</b>	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	10.00V		
	Battery Low Voltage CUTOFF	9.00V		
	Battery Reverse	Provided (Optional)		
<b>Battery</b>	DC Voltage	12V		
	Type	Lead Acid, Tubular & SMF		
	Charging Current	0.5A to 15A		
<b>Transfer Time</b>	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		
<b>Grid Input Window (UPS Mode)</b>	Grid Input Low Cut	<190VAC		
	Grid Input Low CUT Recovery	>200VAC		
	Grid Input High CUT	>270VAC		
	Grid Input High CUT Recovery	<260VAC		
<b>Grid Input Window (INV MODE)</b>	Grid Input Low CUT	<160VAC		
	Grid Input Low CUR Recovery	>170VAC		
	Grid Input High CUT	>270VAC		
	Grid Input High CUT Recovery	<260VAC		
<b>Display</b>	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.		
<b>Overall</b>	Temperature	0-60°C		
	Humidity	0-95% Non-Condensing		
	Dimensions (LxWxH)mm	265x280x125	265x280x125	265x280x125
	Weight	8.0kgs	10.0kgs	12.0kgs

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