

**Department of Public Examinations
Information Communication Technology Unit**

07 September, 2022

APC Easy UPS SRV 6000VA 230V

Technical Specifications	
<u>Output</u>	
Max Configurable Power (Watts)	6.0kWatts / 6.0kVA
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Efficiency at Full Load	94.0 %
Output Voltage Distortion	1 %
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz Sync to mains
Other Output Voltages	220 V, 240 V
Load Crest Factor	3 : 1
Topology	Double conversion online
Waveform Sine wave Sine wav	Sine wave
Bypass	Internal bypass (automatic and manual)
<u>Input</u>	
Input frequency	40 - 70 Hz Auto sensing
Input voltage range for main operations	110 - 300 Half load, 176 - 300 Full loadV
Efficiency at Full Load	94.0 %
Other Input Voltages	220 V, 240 V
<u>Batteries & Runtime</u>	
Battery type	Lead-acid battery
Typical recharge time	7hour(s)
Nominal Battery Voltage	192 V

Expected Battery Life (years)	3 - 5
Battery Charge Power (Watts)	235 Watts
<u>Communications & Management</u>	
Interface Port(s)	DB-9 RS-232, Intelligent Smart Slot, USB
Control panel	Multifunction LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes
Available SmartSlot™ Interface Quantity	1
<u>Surge Protection and Filtering</u>	
Surge energy rating	600Joules
<u>Physical</u>	
Maximum Height	685MM, 68.5CM
Maximum Width	190MM, 19.0CM
Maximum Depth	374MM, 37.4CM
Net Weight	54.0KG
Color	Black
<u>Environmental</u>	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 3000meters
Storage Temperature	-15 - 60 °C
Storage Relative Humidity	0 - 95 (Non-condensing) %
Storage Elevation	0 - 15000meters
Audible noise at 1 meter from surface of unit	55.0dBA
Online thermal dissipation	1172.0BTU/hr
Protection Class	IP20

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