

VAAKU UPS

A Smart Lithium UPS



**SRI ADI IIKSHVAAKU ENERGY
PRIVATE LIMITED**

www.vaakuups.com



A collection of VAAKU UPS units. In the background, there are three tall, narrow units: a white one on the left, a blue one in the center, and a green one on the right. In the foreground, there is a black floor-standing unit on the left and a black rack-mountable unit on the right. All units feature a digital display and control buttons. The rack-mountable unit is labeled 'URAJA SERIES 1200'.

- | | V-SMART SERIES | | | | | | |
|------------------|----------------|---------|--------|--------|---------|--------|---------|
| Model | 105060 | 1050105 | 150045 | 200060 | 2000105 | 250075 | 2500105 |
| UPS Capacity | 850W | 850W | 1200W | 1600W | 1600W | 2000W | 2000W |
| Battery Capacity | 60Ah | 105Ah | 45Ah | 60Ah | 105Ah | 75Ah | 105Ah |
| Battery Warranty | 66 months | | | | | | |
| DC Voltage | 12.8 | | 25.6 | | | | |
| Charging Voltage | 15A | | | | | | |
| Weight (kgs) | 21 | 22 | 35 | 38 | 43 | 43 | 45 |
| Transfer time | <12ms | | | | | | |

VAAKU UPS

A Smart Lithium UPS

MODELS



**V-SMART
105060**



**V-SMART
1050105**



V-SMART 150045

V-SMART 200060

V-SMART 2000105

V-SMART 250075

V-SMART 2500105

INVERTER



URJA - 1250

BATTERY PACK



12.8V/60AH

12.8V/105AH

VAAKU UPS

A Smart Lithium UPS



Fast Charging



Auto Reset



**Light Weight &
Compact**



**ASIC
Technology**



**Pure Sine
Wave**



**Long Battery
Life**



HIGH PERFORMANCE

**High Performance
Battery**



**Maintenance
Free**



ZERO EMISSION

**Zero Gas
Releases**

Vaaku's Smart Lithium UPS: The smart choice for uninterrupted power at home and at work, because every moment matters.

HOME UPS





Our Smart Lithium UPS systems are engineered with the latest advancements in Lithium Ferro Phosphate (LiFePO₄) technology (The Safest Battery Chemistry), offering unmatched efficiency, durability, and safety. Manufactured at our state-of-the-art facility, these UPS units are designed to provide seamless power continuity, ensuring that your critical systems and devices remain operational, no matter the circumstances.

SMART BATTERY PACK



Lithium Ferro Phosphate (LiFePO₄) technology (The Safest Battery Chemistry) inverter batteries are engineered with advanced technology to deliver longer backup times while ensuring minimal maintenance. These batteries are crafted to meet the demands of modern households, schools, and businesses, offering reliable and efficient power solutions.

"Vaaku Smart Lithium UPS offers unparalleled efficiency and a longer lifespan compared to conventional lead-acid batteries, ensuring you get more power and reliability over time."

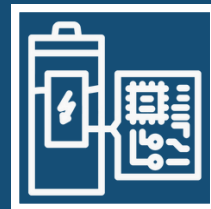
Key Points	Normal UPS 	Vaaku Next Gen UPS 
CHARGING	<i>Slow (5-7 Hours)</i>	<i>Fast (2-4 Hours)</i>
EFFICIENCY	<i>70%</i>	<i>100%</i>
WEIGHT	<i>70-100 Kgs</i>	<i>21-45 Kgs</i>
SPACE REQUIREMENTS	<i>3X</i>	<i>X</i>
MAINTENANCE	<i>Every 3 Months</i>	<i>Zero upto Lifetime</i>
LIFE (CYCLES)	<i>500-1000 Cycles</i>	<i>2000-2200 Cycles</i>
LIFE (YEARS)	<i>Less than 5 years</i>	<i>10 Years</i>
PERFORMANCE	<i>Degrading Performance</i>	<i>Consistent Performance</i>
EMISSION	<i>Emits Harmful Gases</i>	<i>Zero Emission</i>
STORAGE	<i>Separate Safe and Dry Space Required</i>	<i>Can be kept safely in any dry area</i>
INSTALLATION	<i>Needs Technician Support</i>	<i>Plug, Play and Forget</i>
LOOK AND FEEL	<i>Out-Dated and Dirty</i>	<i>Aesthetic and Neat</i>
MENTAL PEACE	<i>Constant checks required for Leaks</i>	<i>No Checks Required</i>



WARRANTY

MODEL: V-SMART 105060

Built-In Smart Battery System



**Advanced Battery
Management System**



Plug & Play



Portable

Specifications

MODEL	V-SMART 105060
CAPACITY	850W/1050VA
FULL LOAD	850W
DC VOLTAGE	12.8 Vdc
BATTERY TYPE	LiFe PO4
BATTERY CAPACITY (Wh)	768Wh (60Ah)
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A
WEIGHT	22 Kg
DIMENSIONS (HxLxW)	41.10 x 25.4 x 22.3 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



WARRANTY

MODEL: V-SMART 1050105

Built-In Smart Battery System



**Advanced Battery
Management System**



Plug & Play



Portable

Specifications

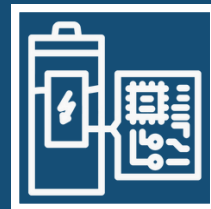
MODEL	V-SMART 1050105
CAPACITY	850W/1050VA
FULL LOAD	850W
DC VOLTAGE	12.8 Vdc
BATTERY TYPE	LiFe PO4
BATTERY CAPACITY (Wh)	1344Wh (105Ah)
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A
WEIGHT	23 Kg
DIMENSIONS (HxLxW)	50.6 x 25.4 x 22.3 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



WARRANTY

MODEL: V-SMART 150045

Built-In Smart Battery System



Advanced Battery
Management System



Plug & Play



Portable

Specifications

MODEL	V-SMART 150045
CAPACITY	1200W/1500VA
FULL LOAD	1200W
DC VOLTAGE	25.6 Vdc
BATTERY TYPE	LiFe PO4
BATTERY CAPACITY (Wh)	1152 Wh (45Ah)
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A
WEIGHT	35 Kg
DIMENSIONS (HxLxW)	32.7 x 41.7 x 34 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



WARRANTY

MODEL: V-SMART 200060

Built-In Smart Battery System



Advanced Battery
Management System



Plug & Play



Portable

Specifications

MODEL	V-SMART 200060
CAPACITY	1600W/2000VA
FULL LOAD	1600W
DC VOLTAGE	25.6 Vdc
BATTERY TYPE	LiFe PO4
BATTERY CAPACITY (Wh)	1536 Wh (60Ah)
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A
WEIGHT	38 Kg
DIMENSIONS (HxLxW)	32.7 x 41.7 x 34 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



WARRANTY

MODEL: V-SMART 2000105

Built-In Smart Battery System



Advanced Battery
Management System



Plug & Play



Portable

Specifications

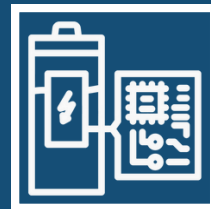
MODEL	V-SMART 2000105
CAPACITY	1600W/2000VA
FULL LOAD	1600W
DC VOLTAGE	25.6 Vdc
BATTERY TYPE	LiFe PO4
BATTERY CAPACITY (Wh)	2688Wh (105Ah)
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A
WEIGHT	43 Kg
DIMENSIONS (HxLxW)	32.7 x 41.7 x 34 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



WARRANTY

MODEL: V-SMART 250075

Built-In Smart Battery System



Advanced Battery
Management System



Plug & Play



Portable

Specifications

MODEL	V-SMART 250075
CAPACITY	2000W/2500VA
FULL LOAD	2000W
DC VOLTAGE	25.6 Vdc
BATTERY TYPE	LiFe PO4
BATTERY CAPACITY (Wh)	1920Wh (75Ah)
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A
WEIGHT	43 Kg
DIMENSIONS (HxLxW)	32.7 x 41.7 x 34 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



WARRANTY

MODEL: V-SMART 2500105

Built-In Smart Battery System



**Advanced Battery
Management System**



Plug & Play



Portable

**66 Months on Battery
36 Months on Electronics**



Specifications

MODEL	V-SMART 2500105
CAPACITY	2000W/2500VA
FULL LOAD BACKUP	2000W
DC VOLTAGE	25.6 Vdc
BATTERY TYPE	LiFe PO4
BATTERY CAPACITY (Wh)	2688Wh (105Ah)
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A
WEIGHT	45 Kg
DIMENSIONS (HxLxW)	32.7 x 41.7 x 34 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



MODEL: URJA SERIES - 1250

Smart Inverter



Suitable For All
Kind Of Batteries



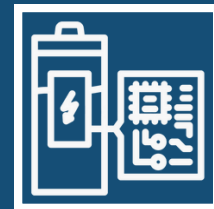
Specifications

MODEL	URJA-1250
CAPACITY	1050VA/850W
FULL LOAD	850W
DC VOLTAGE	12Vdc
BATTERY TYPE	Lithium/Lead acid/SMF
INPUT	
INPUT VOLTAGE RANGE NORMAL MODE	100V-290V
INPUT VOLTAGE RANGE UPS MODE	180V-270V
FREQUENCY	50Hz
TRANSFER TIME UPS MODE	<12ms
OUTPUT	
OUTPUT VOLTAGE (AC)	220Vrms
FREQUENCY	50Hz
WAVEFORM	Sine wave
BATTERY CHARGING	15A/10A
WEIGHT	11Kg
DIMENSIONS (HxLxW)	11.1 x 25.8 x 27.5 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature



MODEL: V-POWER 105

Smart Battery Pack



Advanced Battery
Management System



Suitable for
compatible UPS
Systems



Long
Battery Life



Specifications

MODEL	V-Power 105
BATTERY TYPE	LiFe PO4
CAPACITY	105Ah/1344Wh
NOMINAL VOLTAGE	12.8 Vdc
MAXIMUM CHARGING CURRENT	52.5 A
CHARGING VOLTAGE	14.6 Vdc
MAXIMUM DISCHARGE CURRENT	105 A
OPERATING TEMPERATURE DURING CHARGE	0 to +55°C
OPERATING TEMPERATURE DURING DISCHARGE	-20 to +60°C
WEIGHT	13 Kg
DIMENSIONS (HxLxW)	17.7 x 25.8 x 32.4 (cm)
PROTECTIONS	Overload, Protection Over & Under Voltage, Battery Deep Discharging, Battery Over Charge & Over Temperature

VAAKU UPS

A Smart Lithium UPS



www.vaakuups.com



+91 9880999355



info@vaakuups.com



[vaakuups](https://www.linkedin.com/company/vaakuups)



[@vaakuupsofficial](https://www.instagram.com/vaakuupsofficial)



[Vaakuups](https://www.facebook.com/Vaakuups)



Sri Adi Iikshvaaku Energy Private Limited

No. 31/1B, Beside Jyothi Kendriya Vidyalaya, Kanakapura
Main Road, JP Nagar 6th Phase, Next to Yelachenahalli Metro
Station, Bangalore - 560078