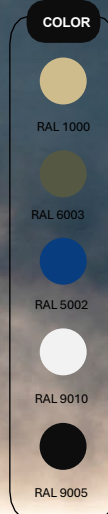


**"Maximum Performance
in Any Condition!"**



UPS SYSTEMS

ARMA-SPUS-153

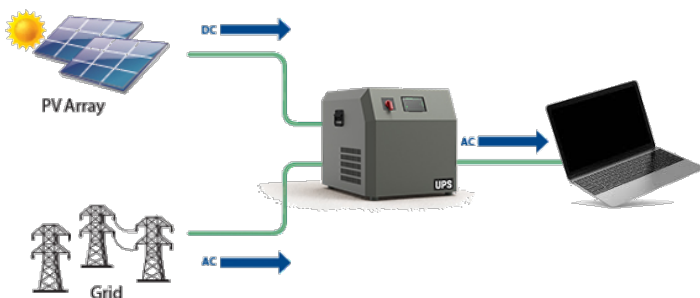
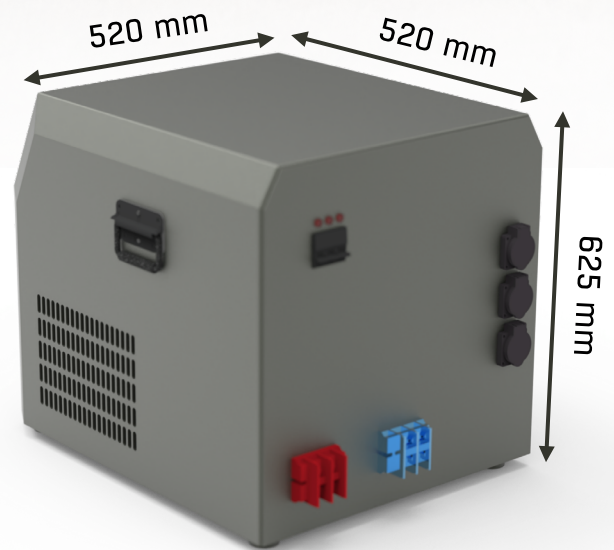


ENERGY STORAGE SYSTEM ARMA-SPUS-153

- Equipped with BMS communication port for battery monitoring.
- Built-in powerful solar & AC charger 100A shortens charging time.
- Wide PV input range, starts from 12VDC.
- Wall-mounted scalable Lithium-ion battery module guarantees safety and reliability.
- IP65 design for battery module.
- Built-in anti-dust kit guarantees inverter operation in robust applications.

ENERGY STORAGE SYSTEM SPECIFICATIONS

MODEL	ARMA-SPUS-153
POWER	
Continuous Power	1500W
Peak Power	3000W
AC Output Voltage	220-240 VAC ±5%
Frequency	50Hz ± 0,5
OUTPUT	
Output Waveform	Pure Sine Wave
USB Port	5V – 2,1A
Efficiency	%89 ~ 93%
Waveform	Pure sinewave
DC Input Voltage	12V DC
DC Voltage Range	9,8-16,2 VDC
DC Input Current	150A
Self Consumption	< 0,8 A
Nominal V-f	220V – 50Hz
AC Input Voltage Range	180V – 260V AC
ATS Transfer Time	<35ms
Charging Current	20A
Low Voltage Alarm	10,5 VDC (±0,2)
Low Voltage Shutdown	10 VDC (±0,2)
Over Load Shutdown	16 VDC (±0,2)
Low Voltage Restart	13 VDC (±0,5)
Over Load Restart	15,5 VDC (± 0,5)
Over Temperature Protection	≥70°C the output will be turn off.
Over Load Protection	100% - 120% -10s
Dimension HxWxD (mm)	520 x 520 x 625
Net weight (kg)	60
ENVIRONMENT	
Operating temperature	100% load: -15° ~ 40°C %50 load: -15°C ~ 60°C
Storage temperature	-30°C - +70°C



LITHIUM LIFEPO4 BATTERY SPECIFICATION

MODEL	LP4-BAT
Battery Cell Technology	Lithium Iron Phosphate
Nominal Voltage	12.8 V
Energy	1280Wh
Battery Rated Capacity	100Ah
Continuous Discharging Current	100A @ 0.2C, 25°C
Recommended Volt. Disconnect	10 V
BMS Discharge Cut-off Voltage	8 V
ENVIRONMENT	
Discharge Temperature	0°C – 60°C
Charge Temperature	0°C – 45°C
Operation Humidity	5% ~ 95% RH (non-condensing)