

PROMAVTOMATYKA

MULTIFUNCTIONAL POWER SOLUTIONS FOR DEFENSE AND HARD DUTY USE



TESTED IN REAL WAR CONDITIONS!

PROMAVTOMATYKA

PRODUCTS & SERVICES



**PORTABLE POWER
STATIONS**



SOLAR PANEL KIT
for power stations

UAV/UGV BATTERY PACK
rechargeable



ANTI-DRONE
searchlight



INDIVIDUAL SOLUTIONS

CONSULTING IN MILITARY POWER SUPPLY FOR:
DRONES, MOBILE SQUADS & DEFENSE HEADQUARTERS

Designed and manufactured in UKRAINE by Promavtomatika Vinnytsia

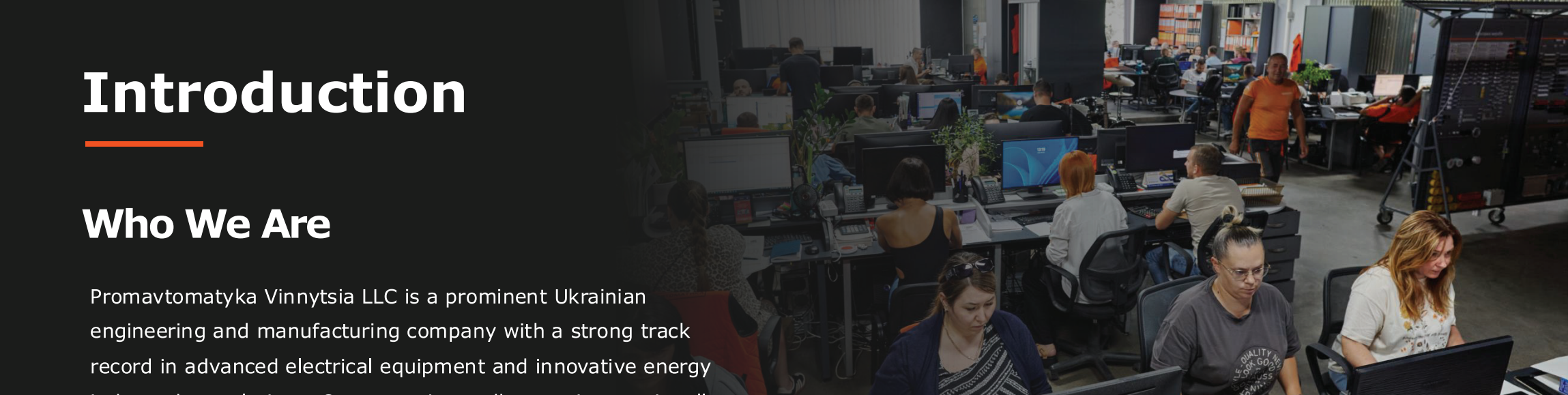
TESTED IN REAL WAR CONDITIONS!

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Introduction



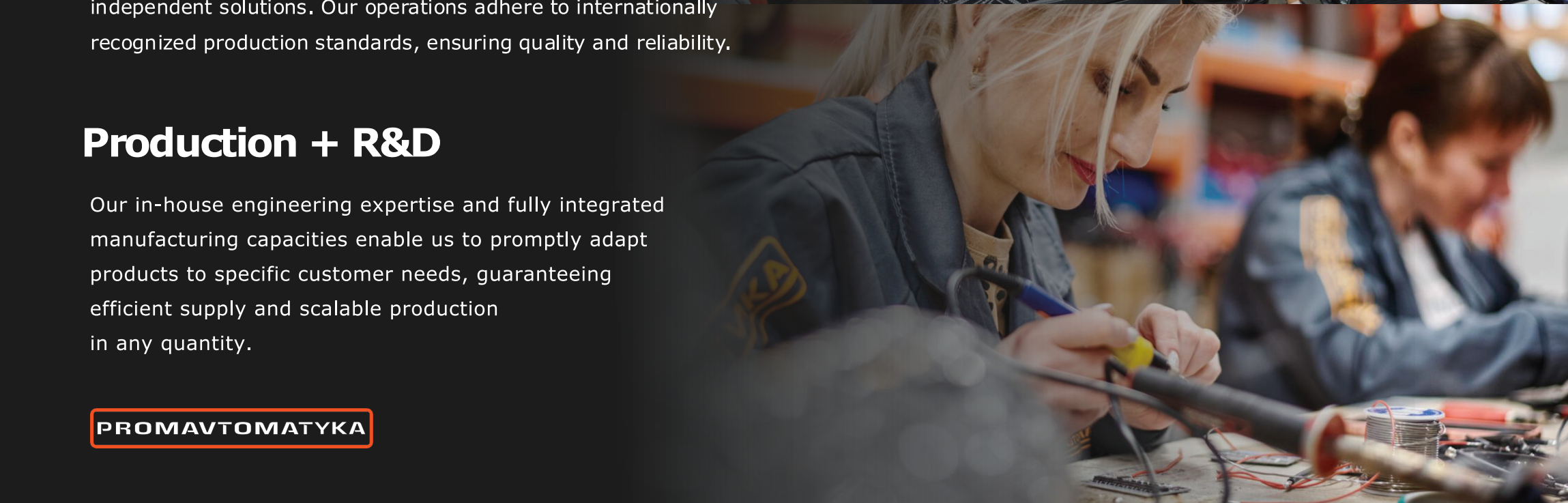
Who We Are

Promavtomatyka Vinnytsia LLC is a prominent Ukrainian engineering and manufacturing company with a strong track record in advanced electrical equipment and innovative energy independent solutions. Our operations adhere to internationally recognized production standards, ensuring quality and reliability.

Production + R&D

Our in-house engineering expertise and fully integrated manufacturing capacities enable us to promptly adapt products to specific customer needs, guaranteeing efficient supply and scalable production in any quantity.

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Introduction

Why People Trust Us

- **Reliability and Combat-Proven Performance**

Energy systems tested in real wartime conditions — ensuring uncompromising reliability.

- **Quality and Technology**

Automated production and premium-grade components guarantee top quality in every unit.

- **Mobility and Versatility**

Lightweight, powerful, and portable solutions — mobility for any task and type of equipment.

- **Trust and Partnership**

Recognized by the state and supported by international cooperation — your trusted partner in critical moments.



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Portable power stations



Reliable Power Source on the Battlefield

Multi-channel Fast Charging Unit

Additional option – Solar Panel Kit!

Multifunctional:

- Power for all electronic devices
- Charging drones battery
- Quick engine start for piston engines
- Charging Starlink power
- Any other purposes where you need electricity

Benefits:

- Durable
- High Capacity
- Optimal Weight
- High Input and Output Charging Speed
- All Necessary Connectors

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TESTED IN REAL WAR CONDITIONS!

Portable Solar Panels



Solar Panel Kit for Portable Power Station

Foldable Solar Panels

The Solar Panel Kits is used for charging our Power Stations and designed for heavy-duty use.

Benefits:

- Durable and Compact
- Lightweight
- Anti-Glare

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These panels are not a standalone device and are used as an additional option for charging our portable charging stations.

TESTED IN REAL WAR CONDITIONS!

Anti-Drone Searchlight



Searchlight for Drone Detection

Multifunctional Searchlight

Multifunctional Searchlight for:

- Detecting Drones, Poachers, and SRG Units
- Rescue Operations
- Border and Coast Guard Use

Benefits:

- Durable
- Powerful
- Compact
- Handheld or Tripod Use
- Lightweight

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Night-time aerial target detection up to 3,000 m / 5,000 m, depending on the model.

TESTED IN REAL WAR CONDITIONS!

Rechargeable UAV/UGV Battery Pack



Battery Pack

Manufactured to the Customer's Individual Order

Rechargeable UAV/UGV Battery Pack for:

- Air drones
- Water drones
- Land drones
- EW & SIGINT systems
- Any other purposes

Benefits:

- Custom-Made to Order
- High-Quality Components
- Reliable and Durable
- Powerful
- Compact

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Cases

Scenario 1: Drone Operations / FPV Missions

"1 Drone = 1 Mission. We give you 10x more missions per day"

FPV units recharge in minutes. Maximize flight cycles. Own the sky:

- Charge drone batteries via 220V or 12V outputs to enable continuous FPV missions.
- Power field lighting (lanterns, LED lamps) for safe drone preparation at night.
- Rapid recharge enables more drone sorties per day.

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Cases

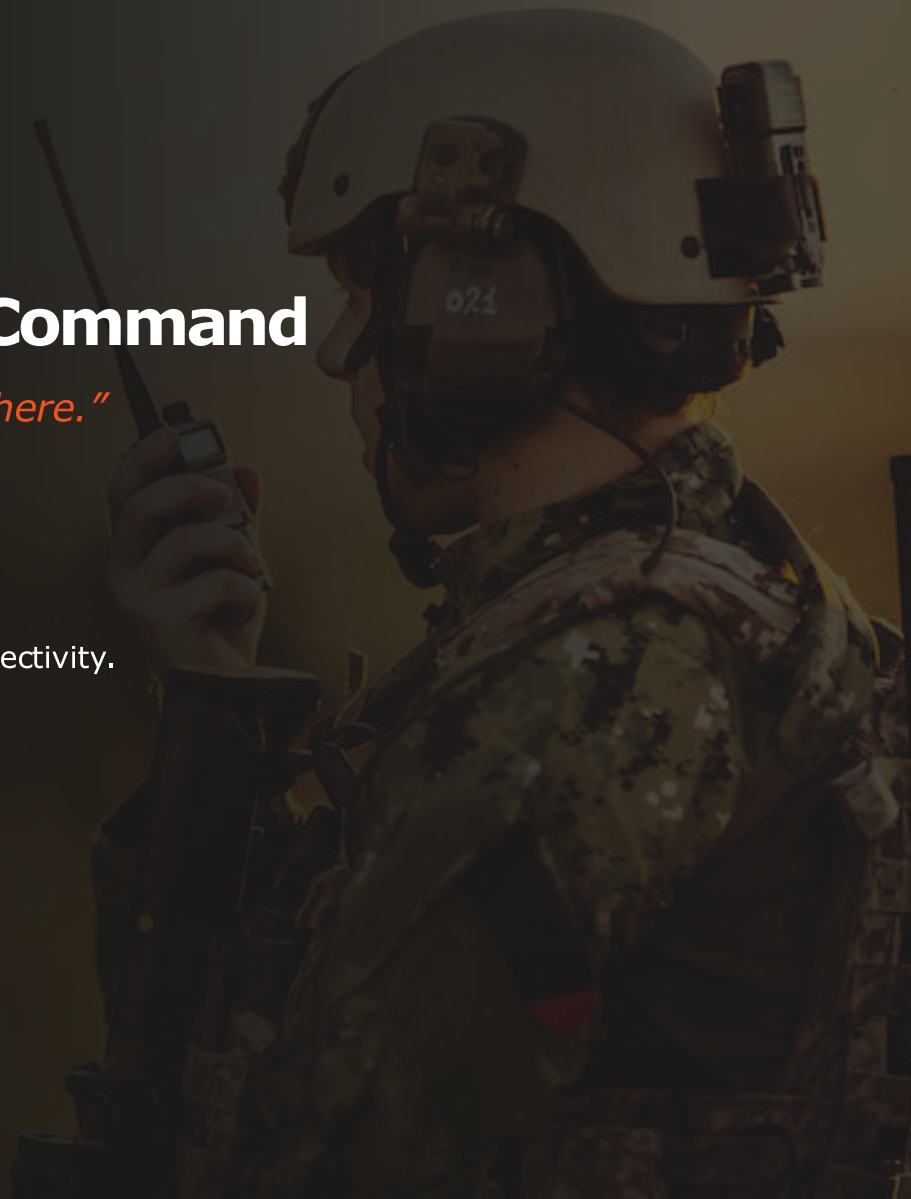
Scenario 2: Communication & Tactical Command

"Starlink + Charging = Uninterrupted Command and Control Anywhere."

Even in the jungle or desert — we keep you connected:

- Power Starlink terminals via 220V in the field to ensure real-time command connectivity.
- Charge military radios and comms gear via 12V and USB.
- Fast-charge phones, tablets, GPS units via USB QuickCharge 3.0.
- Run laptops, monitors, TVs at forward command posts or mobile HQs

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Cases

Scenario 3: Night Vision & Surveillance Support

"See in the Dark. Watch the Enemy Before They See You."

Charge thermal and surveillance systems silently, day or night:

- Charge thermal imagers and night vision devices without interruption.
- Power searchlights and surveillance lights for perimeter defense.
- Enable territory monitoring at borders, water reservoirs, outposts, and forests.

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Cases

Scenario 4: Medical & Casualty Evacuation (MEDEVAC)

"Powering Life-Saving Decisions in the Golden Hour."

When seconds count — we keep critical medical equipment alive:

- Provide backup power for ventilators, monitors, and medical equipment during stabilization.
- Equip MEDEVAC vehicles with portable power stations for en-route treatment.
- Ensure field medics have power for critical devices anywhere, anytime.

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Cases

Scenario 5: Mobile Units & Transport Installations

"Mobility + Power = Combat Readiness on the Move."

Keep charging, even while moving. Start your engine. Run your team:

- Install in ATVs, pickup trucks, APCs, and other tactical vehicles.
- Use BP 225S/255S to jump-start vehicle engines up to 2.5L.
- Provide autonomous power in transport or at mobile outposts.

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Cases

Scenario 6: Field Bases, Shelters & Civil Defense

"Off-Grid but Operational. Anywhere. Anytime."

From bunkers to checkpoints —full energy independence, no diesel needed:

- Power resilience points, field bases, bunkers and underground shelters.
- Enable communication, lighting, and device charging where grid power is unavailable.
- Ideal for civil-military coordination centers, checkpoints, and humanitarian posts.

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Cases



Visit our channel on YouTube



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Tech Specifications

Portable Power Station



BP 125

125 000 mAh, 460 Wh Li-ion

- 4 USB quick-charge ports
- 2 Car cigarette lighter sockets, 12 V, 10 A
- Pure sine wave output
- Working temperature: charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case), IP42 (open case)

Dimensions: 355x281x163 mm
Weight: 4.50 kg



BP 180

180 000 mAh, 670 Wh Li-ion

- 1 socket 220 V, AC, total power up to 150 W
- 4 USB quick-charge ports
- Pure sine wave output
- Working temperature: charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case), IP42 (open case)

Dimensions: 355x281x163 mm
Weight: 7.55 kg



BP 180 S

180 000 mAh, 670 Wh Li-ion

- 2 sockets 220 V, AC, total power 500 W
- 4 USB quick-charge ports
- Car cigarette lighter socket, 12 V, 10 A
- Connector for BS
- Pure sine wave output
- Working temperature: charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case), IP42 (open case)

Dimensions: 359x281x169 mm
Weight: 7.75 kg



BP 225 S

225 000 mAh, 830 Wh Li-ion

- 2 sockets 220 V, AC, total power 500 W
- 4 USB quick-charge ports
- Car cigarette lighter socket, 12 V, 10 A
- Connector for BS
- Pure sine wave output
- Working temperature: charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case), IP42 (open case)

Dimensions: 355x281x163 mm
Weight: 9.05 kg

Tech Specifications

Portable Power Station



BP 255 S

225 000 mAh, 830 Wh Li-ion

- 2 sockets 220 V, AC, total power 500 W
- 4 USB quick-charge ports
- Car cigarette lighter socket, 12 V, 10 A
- Connector for BS
- Pure sine wave output
- Working temperature:
charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case),
IP42 (open case)

Dimensions: 359x281x169 mm
Weight: 9.30 kg



BP 305 S

305 000 mAh, 1 126 Wh LiFePO₄

- 3 sockets 220 V, AC, total power 1,000 W
- 4 USB quick-charge 3.0 ports
- Car cigarette lighter socket, 12 V, 10 A
- Car connector XT60 12B 40A
- Connector for BS
- Pure sine wave output
- Working temperature:
charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case),
IP42 (open case)

Dimensions: 560x340x200 mm
Weight: 16.03 kg



BP 430 S

430 000 mAh, 1,600 Wh LiFePO₄

- 3 sockets 220 V AC, total power 1,000 W
- 4 USB quick-charge 3.0 ports
- Car cigarette lighter socket, 12 V, 10 A
- Car connector XT60 12B 40A
- Connector for BS
- Pure sine wave output
- Working temperature:
charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case),
IP42 (open case)

Dimensions: 560x340x200 mm
Weight: 17.76 kg



BP 610 S

610 000 mAh, 2,253 Wh LiFePO₄

- 3 sockets 220 V, AC, total power 2,000 W
- 4 USB quick-charge 3.0 ports
- Car cigarette lighter socket, 12 V, 10 A
- Car connector XT60 24B 40A
- Connector for BS
- Pure sine wave output
- Working temperature:
charge +10..+45 °C, discharge -15..+50 °C
- Ingress protection: IP54 (closed case),
IP42 (open case)

Dimensions: 550x380x230 mm
Weight: 27.46 kg

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Tech Specifications

Portable Power Station



BP 860 S

860 000 mAh, 3,200 Wh LiFePO₄

- 3 sockets 220 V, AC, total power 2,000 W
- Output signal shape 220V
- 4 USB quick-charge 3.0 ports
- Car cigarette lighter socket, 12 V, 10 A
- Connector for BS
- Pure sine wave output
- Working temperature:
charge +10...+45 °C, discharge -15...+50 °C
- Ingress protection: IP54 (closed case),
IP42 (open case)

Dimensions: 550x380x230 mm
Weight: 29.96 kg



BP 860 SA

860,000 mAh, 3,200 Wh LiFePO₄

- 4 sockets 220 V, AC, total power 3,200 W
- 4 USB quick-charge 3.0 ports
- Car cigarette lighter socket, 12 V, 10 A
- Car connector XT60 12B 40A
- Connector for BS
- UPS mode
- Pure sine wave output
- Working temperature:
charge +10...+45 °C, discharge -15...+50 °C
- Ingress protection: IP54 (closed case), IP42
(open case)

Dimensions: 560x365x280 mm
Weight: 28.7kg



BP 1730 S

1 730 000 mAh, 7 200 Wh LiFePO₄

- 3 sockets 230 V, AC, total power 5 500 W
- 6 USB Quick Charge 3.0 ports
- 2 USB Power Delivery ports
(total power up to 65 W)
- Car connector XT90 (60-360 V, up to 6000 W)
- Pure sine wave output
- Charging time from AC 230 V - 4 h
- Working temperature:
charge +10...+45 °C, discharge -15...+50 °C
- Ingress protection: IP54 (closed case), IP42
(open case)

Dimensions: 540x400x1020 mm
Weight: 77.1 kg

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Tech Specifications

Anti-Drone Searchlight



BF BFL 280.1X

Power: 340 W

Rated power: 280 W

Total luminous flux: 10,200

Possible light beam angles: 2°-30°

Light range: 3 km



BL BFL 400.1X

Power: 430 W

Rated power: 400 W

Total luminous flux: 19,200 Lm

Possible light beam angles: 5°-25°

Light range: 5 km

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Tech Specifications

Portable Power Stations

Characteristic	Model										
	BP 125	BP 180	BP 180 S	BP 225 S	BP 255 S	BP 305 S	BP 430 S	BP 610 S	BP 860 S	BP 860 SA	BP 1730 S
Capacity, mAh, at a voltage of 3.7 V	125 000	180 000	180 000	225 000	255 000	305 000	430 000	610 000	860 000	860 000	1 730 000
Battery capacity, Wh	460	670	670	830	943	1 126	1 600	2 253	3 200	3 200	7 200
Battery type	Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Power 230 V, W	-	150	500	500	500	1 000	1 000	2 000	2 000	3 200	5 500
230 V socket, pcs.	-	1	2	2	2	3	3	3	3	4	5
USB Quick Charge 3.0 connector, pcs.	4	4	4	4	4	4	4	4	4	4	6
USB cable included, pcs	6	6	6	6	6	-	-	-	-	-	6
12 V socket, pcs.	2	1	1	1	1	1	1	-	-	-	-
LED lamp	-	+	+	+	+	+	+	-	-	-	-
Charging from BS	-	-	+	+	+	+	+	+	+	+	-
Charging from a car	-	-	-	+	+	-	-	-	-	-	-
Starting a car engine	-	-	-	+	+	-	-	-	-	-	-
Weight, kg	4,50	7,55	7,75	9,05	9,30	16,03	17,76	27,46	29,96	28,7	77,1
Overall dimensions, mm	L	355	359			560		550		560	540
	W	163	169			200		230		280	400
	H	281	281			340		380		365	1020

Anti-Drone Searchlight

Characteristic	Model	
	BFL 280.1X	BFL 400.1X
Total power, W	340	430
Light flux angles, degrees	2-30	5-25
Supply voltage, V	100-265	100-265
Manufacturer's warranty, years	2	2
Overall dimensions, mm	350x210x290	430x250x360
Weight, kg	6,0	8,75

Foldable Solar Panels

Characteristic	Model	
	BS 180L	BS 300L
Total power of the solar module, W	180	300
Power of one solar module, W	30	30
Number of solar modules, pcs.	6	10
Charging time of VR 180S at 100% sun, hours	6,5	4
Charging time of VR 180S at 50% sun, hours	11	6
Protective bag	+	+
Overall dimensions in working position, mm	2330x560x120	1990x1120x120
Overall dimensions during transportation, mm	560x390x140	560x390x140
Weight, kg	6,60	11,65

Tech Specifications

BATTERY PACK rechargeable UAX/UGV

Li-Ion Battery Packs (without BMS board)

			MoliceI INR21700 P42A	Samsung INR21700 50S	EVE INR21700 40P
AKB RPC 6S3P	Horizontal	Max. current, A	135	135	-
		Capacity, mAh	12600	15000	-
		Dimensions, mm	152x67x65	152x67x65	-
		Weight, kg	1,285	1,285	-
	Vertical	Max. current, A	135	135	120
		Capacity, mAh	12600	15000	12000
		Dimensions, mm	130x75x65	130x75x65	130x75x65
		Weight, kg	1,265	1,265	1,265

			MoliceI INR21700 P42A	Samsung INR21700 50S	EVE INR21700 40P
AKB RPC 6S2P	Horizontal	Max. current, A	90	90	80
		Capacity, mAh	8400	10000	8000
		Dimensions, mm	65x145x45	65x145x45	65x145x45
		Weight, kg	0,875	0,875	0,875
	Vertical	Max. current, A	90	90	80
		Capacity, mAh	8400	10000	8000
		Dimensions, mm	130x75x45	130x75x45	130x75x45
		Weight, kg	0,865	0,865	0,865

Cooperation Formats



CONTRACT DEVELOPMENT AND PRODUCTION

Direct Deliveries

Contract Manufacturing

Agency Contracts

WE OFFER

Individual turnkey solutions according to partner specifications - confidentiality, technical expertise, and rapid series launch; manufacturing and supply of products in any quantity.

PROMAVTOMATYKA

For Partners

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Choose Reliability, Innovation, and Responsibility

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