

LS-2024RPD



Land Star Series 20A 24V

Rating: Not Rated Yet

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Description

Land Star Series : LS-2024RPD

Recommended Application




- Small solar systems, such as solar home system, solar garden lights, solar CCTV system with automatic detection device.
- Surface mounting solar home system (surface mounting series)




Features




- PWM charging with temperature compensation
- Use MOSFET as electronic switch, without any mechanical switch
- Electronic protection: over charging, over discharging, over load, and short circuit
- Battery reverse polarity protection (Any combination of solar module and battery)




	LS-512	LS-624	LS-812R	LS-824R
				
Rated Current	5 A	8 A	8 A	8 A
Max PV Voc	12 V	12/24V AUTO	12 V	12/24V AUTO
Features	Load work mode: ON/OFF	Load work mode: ON/OFF	Load work mode: Dusk to Dawn, ON/OFF, 1-12 hours timer, test	Load work mode: Dusk to Dawn, ON/OFF, 1-12 hours timer, test
Dimension	87x65x25mm	87x65x25mm	87x65x25mm	87x65x25mm
Mounting Dimension	86x44mm	86x44mm	86x44mm	86x44mm
Mounting Hole	φ5	φ5	φ5	φ5
Terminals	2.3 mm ²	2.3 mm ²	2.3 mm ²	2.3 mm ²
Net Weight	0.05kg	0.05kg	0.05kg	0.05kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C




	LS-1024	LS-1524	LS-2024
			
Rated Current	10 A	15 A	20 A
Max PV Voc	12/24V AUTO	12/24V AUTO	12/24V AUTO
Features	• Manual ON/OFF • Gel, Sealed and Flooded battery type option	• Manual ON/OFF • Gel, Sealed and Flooded battery type option	• Manual ON/OFF • Gel, Sealed and Flooded battery type option
Dimension	140x65x34mm	144x74x55mm	144x74x55mm
Mounting Dimension	130x45mm	130x45mm	130x45mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	6 mm ²	10 mm ²	10 mm ²
Net Weight	0.15kg	0.25kg	0.25kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C

	LS-1024S	LS-1524S	LS-2024S
			
Rated Current	10 A	15 A	20 A
Max PV Voc	12/24V AUTO	12/24V AUTO	12/24V AUTO
Features	• Load work mode: manual ON/OFF, all the terminals backwards, LED indicator shows battery level, status and conversion • Gel, Sealed and Flooded battery type option	• Load work mode: manual ON/OFF, all the terminals backwards, LED indicator shows battery level, status and conversion • Gel, Sealed and Flooded battery type option	• Load work mode: manual ON/OFF, all the terminals backwards, LED indicator shows battery level, status and conversion • Gel, Sealed and Flooded battery type option
Dimension	120x68x40mm	128x87x48mm	128x87x48mm
Mounting Dimension	114x46mm	122x65mm	122x65mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	6 mm ²	10 mm ²	10 mm ²
Net Weight	0.18kg	0.28kg	0.28kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C

	LS-1024R	LS-1524R	LS-2024R
			
Rated Current	10 A	15 A	20 A
Max PV Voc	12/24V AUTO	12/24V AUTO	12/24V AUTO
Features	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Unique dual timer function, enhance the flexibility of street light system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Unique dual timer function, enhance the flexibility of street light system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Unique dual timer function, enhance the flexibility of street light system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option
Dimension	140x65x34mm	144x74x55mm	144x74x55mm
Mounting Dimension	130x45mm	130x45mm	130x45mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	6 mm ²	10 mm ²	10 mm ²
Net Weight	0.15kg	0.25kg	0.25kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C

	LS-1024RD	LS-1524RD	LS-2024RD
			
Rated Current	10 A	15 A	20 A
Max PV Voc	12/24V AUTO	12/24V AUTO	12/24V AUTO
Features	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option
Dimension	140x65x34mm	143x79x45mm	143x79x45mm
Mounting Dimension	130x45mm	134x55mm	134x55mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	6 mm ²	10 mm ²	10 mm ²
Net Weight	0.18kg	0.3kg	0.3kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C

	LS-1024RPD	LS-1524RPD	LS-2024RPD
			
Rated Current	10 A	15 A	20 A
Max PV Voc	12/24V AUTO	12/24V AUTO	12/24V AUTO
Features	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option • Waterproof design, IP68	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option • Waterproof design, IP68	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option • Waterproof design, IP68
Dimension	145x69x31mm	145x69x31mm	145x69x31mm
Mounting Dimension	135x49mm	135x49mm	135x49mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	6 mm ²	6 mm ²	6 mm ²
Net Weight	0.3kg	0.4kg	0.4kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C

	LS-1024RPD	LS-1524RPD	LS-2024RPD
			
Rated Current	10 A	15 A	20 A
Max PV Voc	12/24V AUTO	12/24V AUTO	12/24V AUTO
Features	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option • Waterproof design, IP68	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option • Waterproof design, IP68	• Load work mode: Dusk to Dawn, Light On-Dual timer, Test, ON/OFF • Intelligent timer function with 1-15 hours option • Dual load output, enhance the flexibility of the system • Digital LED menu, only one key solve all setting simply • Gel, Sealed and Flooded battery type option • Waterproof design, IP68
Dimension	145x69x31mm	145x69x31mm	145x69x31mm
Mounting Dimension	135x49mm	135x49mm	135x49mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	6 mm ²	6 mm ²	6 mm ²
Net Weight	0.3kg	0.4kg	0.4kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C