

LS-512



Land Star Series 5A 12V

Rating: Not Rated Yet

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Description

Land Star Series : LS-512

Recommended Application

- Small solar system, 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-512R	LS-524R
				
Rated Current	5 A	5 A	5 A	5 A
Max PV Voc	12V	1224V AUTO	12V	1224V 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	57x65x25mm	57x65x25mm	57x65x25mm	57x65x25mm
Mounting Dimension	65x44mm	65x44mm	65x44mm	65x44mm
Mounting Hole	φ5	φ5	φ5	φ5
Terminals	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 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	1224V AUTO	1224V AUTO	1224V 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	144x75x45mm	144x75x45mm
Mounting Dimension	130x45mm	135x55mm	135x55mm
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	1224V AUTO	1224V AUTO	1224V AUTO
Features	• Load work mode: manual ON/OFF. • All the terminals backwards. • LED indicator shows battery level, intuitive and convenient • Gel, Sealed and Flooded battery type option	• Load work mode: manual ON/OFF. • All the terminals backwards. • LED indicator shows battery level, intuitive and convenient • Gel, Sealed and Flooded battery type option	• Load work mode: manual ON/OFF. • All the terminals backwards. • LED indicator shows battery level, intuitive and convenient • Gel, Sealed and Flooded battery type option
Dimension	120x68x40mm	128x67x48mm	128x67x48mm
Mounting Dimension	114x44mm	122x53mm	122x53mm
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-1024R	LS-1524R	LS-2024R
			
Rated Current	10 A	15 A	20 A
Max PV Voc	1224V AUTO	1224V AUTO	1224V 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	144x75x45mm	144x75x45mm
Mounting Dimension	130x45mm	135x55mm	135x55mm
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	1224V AUTO	1224V AUTO	1224V 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	0.15kg	0.3kg	0.3kg
Working Temperature	-35°C to +55°C	-35°C to +55°C	-35°C to +55°C

	LS-1024RP	LS-1524RP	LS-2024RP
			
Rated Current	10 A	15 A	20 A
Max PV Voc	1224V AUTO	1224V AUTO	1224V 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 • Waterproof design, IP68	• 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 • Waterproof design, IP68	• 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 • Waterproof design, IP68
Dimension	145x65x31mm	145x65x34mm	145x65x34mm
Mounting Dimension	135x45mm	135x55mm	135x55mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	4 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	1224V AUTO	1224V AUTO	1224V 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	145x65x31mm	145x65x34mm	145x65x34mm
Mounting Dimension	135x45mm	135x55mm	135x55mm
Mounting Hole	φ4.5	φ4.5	φ4.5
Terminals	4 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