

# DUALSKY SERVO

A NEW GENERATION OF SERVO SERIES

COVERING ALMOST ALL R/C AIRCRAFT AND HELICOPTER APPLICATIONS.

## 模拟舵机

**AS55** NO.21574 塑料外壳 全树脂齿轮

**ULTRA-MICRO**  
**Analog (模拟)**  
**Coreless (无核)**

Torque(扭矩): (4.8V) 1.0kg.cm (6.0V) 1.2kg.cm  
Speed(速度): 0.14sec/60° 0.12sec/60°  
Size(尺寸): 21.5x11.8x22.7mm  
Weight(重量): 6g

■ Wiring(出线): 18cm/JR  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Ultra-Micro, equal to HTHS-55 Hitec HS-55 Servo

**AS82MG** NO.21578 塑料外壳 金属齿轮

**SMALL STANDARD**  
**Analog (模拟)**  
**Iron core (铁芯)**

Torque(扭矩): (4.8V) 2.8kg.cm (6.0V) 3.0kg.cm  
Speed(速度): 0.14sec/60° 0.12sec/60°  
Size(尺寸): 29x13.5x30.4mm  
Weight(重量): 20g

■ Wiring(出线): 18cm/JR Bearing(轴承): N/A  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Small standard, equal to HTHS-82MG Hitec HS-82MG Servo

**AS549** NO.21581 塑料外壳 全树脂齿轮

**AIR STANDARD**  
**Analog (模拟)**  
**3 Poles (有刷)**

Torque(扭矩): (4.8V) 5.5kg.cm (6.0V) 6.0kg.cm  
Speed(速度): (4.8V) 0.16sec/60° (6.0V) 0.14sec/60°  
Size(尺寸): 40.8x20.1x38mm  
Weight(重量): 40g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Air standard, entry level, equal to JRPSS539 JR Servo ES539

**AS700MG** NO.22077 塑料外壳 金属齿轮

**RETRACT SERVO**  
**Analog (模拟)**  
**3 Poles (有刷)**

Torque(扭矩): (4.8V) 7kg.cm (6.0V) 7.5kg.cm  
Speed(速度): (4.8V) 0.4sec/60° (6.0V) 0.35sec/60°  
Size(尺寸): 44.1x23x24.4mm  
Weight(重量): 45g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Retract Servo equal to SPMSA7040 Spektrum A7040

## 数字舵机

**DS3101** NO.20592 塑料外壳 全树脂齿轮

**MICRO DIGITAL**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (4.8V) 0.5kg.cm  
Speed(速度): 0.10sec/60°  
Size(尺寸): 19.2x19.3x8.2mm  
Weight(重量): 4.8g

■ Wiring(出线): 12cm/JR  
■ Spare Parts(配件): Gears - Horns(21T) - R&S  
■ Class(等级): Ultra micro digital servo for indoor F3P or micro models

**DS395** NO.21575 塑料外壳 金属齿轮

**MICRO DIGITAL**  
**Digital (数字)**  
**3 Poles (有刷)**

Torque(扭矩): (4.8V) 1.3kg.cm (6.0V) 1.5kg.cm  
Speed(速度): 0.12sec/60° 0.10sec/60°  
Size(尺寸): 22.3x11.8x26.3mm  
Weight(重量): 14g

■ Wiring(出线): 18cm/JR  
■ Spare Parts(配件): Gears - Horns(21T) - R&S  
■ Class(等级): Micro digital, equal to JRPSES375 JR Servo ES375

**DS65** NO.21576 铝制中壳 金属齿轮

**DIGITAL W/ BB**  
**Digital (数字)**  
**3 Poles (有刷)**

Torque(扭矩): (4.8V) 1.2kg.cm (6.0V) 1.5kg.cm  
Speed(速度): 0.12sec/60° 0.10sec/60°  
Size(尺寸): 22.9x12x25.4mm  
Weight(重量): 13g

■ Wiring(出线): 18cm/JR Bearing(轴承): BB  
■ Spare Parts(配件): Gears - Horns(21T) - R&S  
■ Class(等级): Digital w/BB HTHS-65MG Hitec HS-65MG Mighty Feather 11.9gm Metal Gear Servo

**DS5090** NO.21577 金属外壳 金属齿轮

**CORELESS MICRO**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (6.0V) 4.3kg.cm (7.4V) 3.2kg.cm (8.4V) 3.5kg.cm  
Speed(速度): 0.06sec/60° 0.05sec/60° 0.044sec/60°  
Size(尺寸): 23x12x28.5mm  
Weight(重量): 20g

■ Wiring(出线): 18cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(21T) - R&S  
■ Class(等级): 450 class helicopter, micro coreless, equal to SPMSA5060 Spektrum A5060 Mini HV Digital Hi-Torque Micro Aircraft Servo

**DS169 (F)** NO.22112 塑料外壳 金属齿轮

**MICRO THIN**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (6.0V) 2.3kg.cm (7.4V) 2.8kg.cm (8.4V) 3.1kg.cm  
Speed(速度): 0.08sec/60° 0.053sec/60°  
Size(尺寸): 23.5x8.5x24mm  
Weight(重量): 9g

■ Wiring(出线): 12cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(15T) - R&S  
■ Class(等级): Micro thin type for F3K, F5K and RES gliders

**DS199** NO.21579 金属外壳 金属齿轮

**CORELESS THIN**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (6.0V) 6.2kg.cm (7.4V) 7.0kg.cm (8.4V) 7.6kg.cm  
Speed(速度): 0.08sec/60° 0.07sec/60° 0.062sec/60°  
Size(尺寸): 30.1x10x33.6mm  
Weight(重量): 25g

■ Wiring(出线): 18cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(21T) - R&S  
■ Class(等级): Thin type for gliders' wing JRPSS189HV JR DS189HV Servo

**DS9401** NO.22238 塑料外壳 金属齿轮

**MIDDLE DIGITAL**  
**Digital (数字)**  
**Iron core (铁芯)**

Torque(扭矩): (4.8V) 3.0kg.cm (6.0V) 3.5kg.cm (7.4V) N/C  
Speed(速度): 0.12sec/60° 0.10sec/60° N/C  
Size(尺寸): 35.1x15x29.6mm  
Weight(重量): 26g

■ Wiring(出线): 25cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Middle digital with metal gears, for entry level models.

**DS9410 v2** NO.21892 铝制中壳 金属齿轮

**MIDDLE DIGITAL**  
**Digital (数字)**  
**Iron core (铁芯)**

Torque(扭矩): (6.0V) 4.3kg.cm (7.4V) 5.0kg.cm (8.4V) 5.4kg.cm  
Speed(速度): 0.11sec/60° 0.09sec/60° 0.08sec/60°  
Size(尺寸): 35x15x29mm  
Weight(重量): 28g

■ Wiring(出线): 25cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Middle digital, designed for 70E F3A, 500E Helicopters

**DS9420** NO.22239 铝制中壳 钛合金齿轮

**Middle Coreless**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (6.0V) 6.2kg.cm (7.4V) 7.5kg.cm (8.4V) 8.5kg.cm  
Speed(速度): 0.08sec/60° 0.07sec/60°  
Size(尺寸): 35x15.1x30mm  
Weight(重量): 29g

■ Wiring(出线): 25cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Middle coreless, Torque & precision spec. for F3A, helis and small jets.

**DS9431** NO.21580 金属外壳 金属齿轮

**DIGITAL MIDDLE**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (6.0V) 9kg.cm (7.4V) 10kg.cm (8.4V) 11kg.cm  
Speed(速度): 0.06sec/60° 0.055sec/60° 0.049sec/60°  
Size(尺寸): 35x15x32.8mm  
Weight(重量): 45g

■ Wiring(出线): 25cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Middle High Performance, designed for 3D Helicopters & airplanes (such as EFRC 70E), also perfect for Sebart Avanti XS which is popular middle size jet.

**DS8570** NO.21893 铝制中壳 钛合金齿轮

**LOW PROFILE**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (6.0V) 8.0kg.cm (7.4V) 10kg.cm (8.4V) 10.5kg.cm  
Speed(速度): 0.08sec/60° 0.06sec/60° 0.053sec/60°  
Size(尺寸): 40.5x20x25.2mm  
Weight(重量): 45g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Low profile, Digital coreless w/ Titanium gears.

**DS8180** NO.21582 塑料外壳 金属齿轮

**DIGITAL MG**  
**Digital (数字)**  
**3 Poles (有刷)**

Torque(扭矩): (6.0V) 9kg.cm (7.4V) 10kg.cm (8.4V) 11kg.cm  
Speed(速度): 0.14sec/60° 0.12sec/60° 0.11sec/60°  
Size(尺寸): 40.8x20.1x38mm  
Weight(重量): 56g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): 10kg Digital MG servo, best value equal to SPMSA6180 Spektrum digital MG servo

**DS589** NO.21583 塑料外壳 金属齿轮

**ULTRA TORQUE**  
**Digital (数字)**  
**3 Poles (有刷)**

Torque(扭矩): (6.0V) 14kg.cm (7.4V) 15kg.cm (8.4V) 16kg.cm  
Speed(速度): 0.16sec/60° 0.14sec/60° 0.12sec/60°  
Size(尺寸): 40.8x20.1x38mm  
Weight(重量): 56g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Ultra Torque Metal Gear Servo equal to HTHS-645MG Hitec HS-645MG

**DS8611** NO.21584 铝制中壳 钛合金齿轮

**TITANIUM GEARS**  
**Digital (数字)**  
**Coreless (无核)**

Torque(扭矩): (6.0V) 16kg.cm (7.4V) 18kg.cm (8.4V) 20kg.cm  
Speed(速度): 0.16sec/60° 0.14sec/60° 0.12sec/60°  
Size(尺寸): 40.1x20.1x38.8mm  
Weight(重量): 64g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Digital coreless w/ Titanium gears, High torque equal to JRPSS411HV JR DS411HV Digital servo

**DS8930** NO.21894 铝制中壳 不锈钢齿轮

**BRUSHLESS STANDARD**  
**Digital (数字)**  
**Brushless (无刷)**

Torque(扭矩): (6.0V) 19kg.cm (7.4V) 22kg.cm (8.4V) 24kg.cm  
Speed(速度): 0.12sec/60° 0.10sec/60° 0.09sec/60°  
Size(尺寸): 40x20x39mm  
Weight(重量): 68g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Brushless standard, for high end fixed wing & jets, long life

**DS8950** NO.21586 金属外壳 不锈钢齿轮

**BRUSHLESS TORQUE**  
**Digital (数字)**  
**Brushless (无刷)**

Torque(扭矩): (6.0V) 26kg.cm (7.4V) 30kg.cm (8.4V) 33kg.cm  
Speed(速度): 0.11sec/60° 0.10sec/60° 0.07sec/60°  
Size(尺寸): 40x20x41.4mm  
Weight(重量): 72g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Brushless torque, for jets or giant airplanes Equal to JRPSSX8921 JRNX8921 programmable Servo

**DS8955** NO.21585 金属外壳 不锈钢齿轮

**BRUSHLESS DIGITAL**  
**Digital (数字)**  
**Brushless (无刷)**  
**Helical Gears (斜齿齿轮)**

Torque(扭矩): (6.0V) 22kg.cm (7.4V) 25kg.cm (8.4V) 27kg.cm  
Speed(速度): 0.10sec/60° 0.08sec/60° 0.07sec/60°  
Size(尺寸): 40x20x39.35mm  
Weight(重量): 74g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): High speed brushless, helical tooth for helicopters, 1/8th scale servo

**DS9650** NO.21588 铝制中壳 金属齿轮

**1/5TH SCALE SERVO**  
**Digital (数字)**  
**3 Poles (有刷)**

Torque(扭矩): (6.0V) 45kg.cm (7.4V) 50kg.cm (8.4V) 55kg.cm  
Speed(速度): (6.0V) 0.13sec/60° (7.4V) 0.11sec/60° (8.4V) 0.10sec/60°  
Size(尺寸): 66x30x56mm  
Weight(重量): 202g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(15T) - R&S  
■ Class(等级): For 1/5th scale model cars.

**DS8930** NO.21894 铝制中壳 不锈钢齿轮

**BRUSHLESS STANDARD**  
**Digital (数字)**  
**Brushless (无刷)**

Torque(扭矩): (6.0V) 19kg.cm (7.4V) 22kg.cm (8.4V) 24kg.cm  
Speed(速度): 0.12sec/60° 0.10sec/60° 0.09sec/60°  
Size(尺寸): 40x20x39mm  
Weight(重量): 68g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Brushless standard, for high end fixed wing & jets, long life

**DS8950** NO.21586 金属外壳 不锈钢齿轮

**BRUSHLESS TORQUE**  
**Digital (数字)**  
**Brushless (无刷)**

Torque(扭矩): (6.0V) 26kg.cm (7.4V) 30kg.cm (8.4V) 33kg.cm  
Speed(速度): 0.11sec/60° 0.10sec/60° 0.07sec/60°  
Size(尺寸): 40x20x41.4mm  
Weight(重量): 72g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): Brushless torque, for jets or giant airplanes Equal to JRPSSX8921 JRNX8921 programmable Servo

**DS8955** NO.21585 金属外壳 不锈钢齿轮

**BRUSHLESS DIGITAL**  
**Digital (数字)**  
**Brushless (无刷)**  
**Helical Gears (斜齿齿轮)**

Torque(扭矩): (6.0V) 22kg.cm (7.4V) 25kg.cm (8.4V) 27kg.cm  
Speed(速度): 0.10sec/60° 0.08sec/60° 0.07sec/60°  
Size(尺寸): 40x20x39.35mm  
Weight(重量): 74g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(25T) - R&S  
■ Class(等级): High speed brushless, helical tooth for helicopters, 1/8th scale servo

**DS9650** NO.21588 铝制中壳 金属齿轮

**1/5TH SCALE SERVO**  
**Digital (数字)**  
**3 Poles (有刷)**

Torque(扭矩): (6.0V) 45kg.cm (7.4V) 50kg.cm (8.4V) 55kg.cm  
Speed(速度): (6.0V) 0.13sec/60° (7.4V) 0.11sec/60° (8.4V) 0.10sec/60°  
Size(尺寸): 66x30x56mm  
Weight(重量): 202g

■ Wiring(出线): 30cm/JR Bearing(轴承): Dual BB  
■ Spare Parts(配件): Gears - Horns(15T) - R&S  
■ Class(等级): For 1/5th scale model cars.

舵机适用表				Fix wing 固定翼	Heli 直升机	Car车										
SKU 型号	SPECS 尺寸 / 重量	Torque 扭矩	Speed 速度	入门级	航模入门级	航模中级	航模高级	F3A 特技飞行用	3D 滚转大师级	3D 滚转大师级	3D 滚转大师级	450 入门级	450-550 入门级	700-800 入门级	700-800 入门级	越野攀爬车
DS3101	19.2x19.3x8.2mm 4.8g	(4.8V) 0.5kg.cm	0.10sec/60°	●	●											
AS55	21.5x11.8x22.7mm 6g	(4.8V) 1.0kg.cm (6.0V) 1.2kg.cm	0.14sec/60° 0.12sec/60°	●												
DS395	22.3x11.8x26.3mm 14g	(4.8V) 1.3kg.cm (6.0V) 1.5kg.cm	0.12sec/60° 0.10sec/60°	●												
DS65	22.9x12x25.4mm 13g	(4.8V) 1.2kg.cm (6.0V) 1.5kg.cm	0.12sec/60° 0.10sec/60°	●	●											
DS5090	23x12x28.5mm 20g	(6.0V) 2.8kg.cm (7.4V) 3.2kg.cm (8.4V) 3.5kg.cm	0.06sec/60° 0.05sec/60° 0.044sec/60°	●	●	●	●	●	●	●	●	●	●	●	●	●
AS82MG	29x13.5x30.4mm 20g	(4.8V) 2.8kg.cm (6.0V) 3.0kg.cm	0.14sec/60° 0.12sec/60°	●												
DS169(F)	23.5x8.5x24mm 9g	(6.0V) 2.3kg.cm (7.4V) 2.8kg.cm (8.4V) 3.1kg.cm	0.08sec/60° 0.06sec/60° 0.053sec/60°	●	●			●	●	●	●					
DS199	30.1x10x33.6mm 25g	(6.0V) 6.2kg.cm (7.4V) 7.0kg.cm (8.4V) 7.6kg.cm	0.08sec/60° 0.07sec/60° 0.062sec/60°	●	●			●	●	●	●					
<b>new</b> DS9401	35.1x15x29.6mm 26g	(4.8V) 3.0kg.cm (6.0V) 3.5kg.cm (7.4V) N/C	0.12sec/60° 0.10sec/60° N/C	●	●			●	●	●	●					
DS9410 (V1)	35x15x29mm 28g	(6.0V) 2.5kg.cm (7.4V) 3.0kg.cm	0.10sec/60° 0.085sec/60°	●	●			●	●	●	●					
<b>new</b> DS9410 (V2)	35x15x29mm 28g	(6.0V) 4.3kg.cm (7.4V) 5.0kg.cm (8.4V) 5.4kg.cm	0.11sec/60° 0.09sec/60° 0.08sec/60°	●	●			●	●	●	●					
<b>new</b> DS9420	35x15.1x30mm 29g	(6.0V) 6.2kg.cm (7.4V) 7.5kg.cm (8.4V) 8.5kg.cm	0.095sec/60° 0.08sec/60° 0.07sec/60°	●	●			●	●	●	●					
DS9431	35x15x32.8mm 45g	(6.0V) 9kg.cm (7.4V) 10kg.cm (8.4V) 11kg.cm	0.067sec/60° 0.055sec/60° 0.049sec/60°	●	●			●	●	●	●					
AS549	40.8x20.1x38mm 40g	(4.8V) 5.5kg.cm (6.0V) 6.0kg.cm	0.16sec/60° 0.14sec/60°	●												
DS8180	40.8x20.1x38mm 56g	(6.0V) 9kg.cm (7.4V) 10kg.cm (8.4V) 11kg.cm	0.14sec/60° 0.12sec/60° 0.11sec/60°	●	●			●	●	●	●					
DS589	40.8x20.1x38mm 56g	(6.0V) 14kg.cm (7.4V) 15kg.cm (8.4V) 16kg.cm	0.16sec/60° 0.14sec/60° 0.12sec/60°	●	●											
DS8570	40.5x20x25.2mm 45g	(6.0V) 8.0kg.cm (7.4V) 10kg.cm (8.4V) 10.5kg.cm	0.08sec/60° 0.06sec/60° 0.053sec/60°	●	●			●	●	●	●					
DS8611	40.1x20.1x38.8mm 64g	(6.0V) 16kg.cm (7.4V) 18kg.cm (8.4V) 20kg.cm	0.16sec/60° 0.14sec/60° 0.12sec/60°	●	●			●	●	●	●					●
DS8930	40x20x39mm 68g	(6.0V) 19kg.cm (7.4V) 22kg.cm (8.4V) 24kg.cm	0.12sec/60° 0.10sec/60° 0.09sec/60°	●	●			●	●	●	●					
DS8955	40x20x39.35mm 74g	(6.0V) 22kg.cm (7.4V) 25kg.cm (8.4V) 27kg.cm	0.10sec/60° 0.08sec/60° 0.07sec/60°	●	●			●	●	●	●					
DS8950	40x20x41.4mm 72g	(6.0V) 26kg.cm (7.4V) 30kg.cm (8.4V) 33kg.cm	0.14sec/60° 0.11sec/60° 0.07sec/60°	●	●			●	●	●	●					
AS700MG	44.1x23x24.4mm 45g	(4.8V) 7kg.cm (6.0V) 7.5kg.cm	0.4sec/60° 0.35sec/60°	●	●			●	●	●	●					
DS9650	66x30x56mm 202g	(6.0V) 45kg.cm (7.4V) 50kg.cm (8.4V) 55kg.cm	0.13sec/60° 0.11sec/60° 0.10sec/60°													●

如用于推荐以外模型, 则可能无法发挥其性能。

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