



★ Product Brochure ★

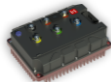
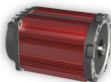
Golf Cart / UTV / ATV System Integrator
Global Supply Chain Management
China ▪ Thailand ▪ Vietnam

Aplus Moto Technical Sourcing Service Co., Ltd.
<https://aplus-powertrain.com>





**DC Powertrain
For Golf Cart**



DC-Motor			DC-MCU			Golf Cart Rear Axle	
Rated Voltage	48 / 72 V		Rated Voltage	48 / 72 V		Outer Diameter	60 mm
Rated Power	5 kw	7.5 kw	Rated Power	5 kw	7.5 kw	Thickness	5.0 mm
Magnetic Height	90 mm	115 mm	Maximum Phase Current	350 A	400 A	Length	Customized
Maximum Phase Current	350 A	400 A	Maximum Power	10 kw	15 kw	Matching Gearbox	Split Differential Gearbox
Maximum Power	10 kw	15 kw	Communication Protocol	CAN		Ratio	1:13.1 or 1:16.7
Maximum Torque	70 Nm	85 Nm	Working Temperature	-30~55℃		Braking Mode	Hydraulic Disc
No-load Current	20 A	25 A	Storage Temperature	-40~85℃		Diameter of Disc	200 mm
Maximum RPM	7000 rpm		Control Method	FOC Vector		Parking Mode	Electromagnetic brake
Maximum Efficiency	93%		Maximum Efficiency	98%		Matching Wheels	> 10"×7"
Sensor Category	Resolver		Drive Sensor	Resolver		Wheel Hub Bolts PCD	φ101.6 mm/4-M12×1.25
Insulation Grade	H		Insulation Grade	H		Maximum Load	2500 kg
Ingress Protection Rating	IP67		Ingress Protection Rating	IP67		Weight	> 35 kgs
Cooling Method	Self-cooled (IC410)		Cooling Method	Self-cooled (IC410)			
Noise (Distance 50cm)	65 dB		Program Debugging	Bluetooth APP (Support Android/iOS)			
Dimension	Ø200×280H mm		Dimension	230L×162W×91H	257L×187W×98H		
Weight	18 kgs	21 kgs	Weight	3 kgs	4.1 kgs		



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Rated Power	5 kw	7.5 kw	Rated Power	5 kw	7.5 kw	Thickness	5.0 mm
Magnetic Height	/	/	Maximum Phase Current	350 A	400 A	Length	Customized
Maximum Phase Current	350 A	400 A	Maximum Power	10 kw	15 kw	Matching Gearbox	Split Differential Gearbox
Maximum Power	10 kw	15 kw	Communication Protocol	CAN		Ratio	1:13.1 or 1:16.7
Maximum Torque	70 Nm	85 Nm	Working Temperature	-30~55℃		Braking Mode	Hydraulic Disc
No-load Current	30 A	35 A	Storage Temperature	-40~85℃		Diameter of Disc	200 mm
Maximum RPM	5000 rpm		Control Method	IFO Vector		Parking Mode	Electromagnetic brake
Maximum Efficiency	90%		Maximum Efficiency	97%		Matching Wheels	> 10"×7"
Sensor Category	Encoder		Drive Sensor	Encoder		Wheel Hub Bolts PCD	φ101.6 mm/4-M12×1.25
Insulation Grade	H		Insulation Grade	H		Maximum Load	2500 kg
Ingress Protection Rating	IP56		Ingress Protection Rating	IP65		Weight	> 35 kgs
Cooling Method	Self-cooled (IC410)		Cooling Method	Self-cooled (IC410)			
Noise (Distance 50cm)	70 dB		Program Debugging	Handheld Programmer / Wireless Module			
Dimension	Ø210×280H mm		Dimension	193L×175W×78H			
Weight	24 kgs	28 kgs	Weight	2.7 kgs			



DC Powertrain
For Lawn Mower



DC-Motor		DC-MCU		Lawn Mower Rear Axle	
Rated Voltage Range	36~80 V	Rated Voltage Range	36~80 V	Outer Diameter	56 mm
Rated Power Range	800~2000 W	Rated Power Range	800~2000 W	Thickness	2.8 mm
Maximum Power Range	1.5~4 kw	Maximum Current Range	50~90 A	Length	Customized
Stator Outer Diameter	120/128 mm	Maximum Power Range	1.5~4 kw	Matching Gearbox	Split Differential Gearbox
Magnetic Height	40~80 mm	Communication Protocol	CAN	Ratio	1:20.8
Maximum Torque Range	20~50 Nm	Working Temperature	-30~55℃	Braking Mode	Mechanical Drum
No-load Current Range	3~7 A	Storage Temperature	-40~85℃	Inner Diameter of Drum	130 mm
Maximum RPM	6000	Control Method	FOC Vector	Outer Diameter of Drum	147 mm
Maximum Efficiency	93%	Maximum Efficiency	98%	Matching Wheels	> 8"
Sensor Category	Hall Sensor	Drive Sensor	Hall Sensor	Wheel Hub Bolts PCD	φ100 mm/4-M14×1.5
Insulation Grade	H	Insulation Grade	H	Maximum Load	650 kg
Ingress Protection Rating	IP67	Ingress Protection Rating	IP67	Weight	15 kgs
Cooling Method	Self-cooled (IC410)	Cooling Method	Self-cooled (IC410)		
Noise (Distance 50cm)	70 dB	Program Debugging	Host Computer		
Dimension	/	Dimension	/		
Weight	4~8 kgs	Weight	1~3 kgs		

Shock Absorbers for Golf Cart

AS70A		AS250		C178		C176	
F	R	F	R	F	R	F	R
							
AU200		XAU180		AS125		AU150	
F	R	F	R	F	R		R
							

Alloy Wheels for Golf Cart

Size: 14" × 7"

ET: -10mm

PCD: 4/101.6mm

CB: 70mm

AP4-14



AP4-08



AP4-06



AP4-04



Size: 14" × 7"

ET: -10mm

PCD: 4/101.6mm

CB: 70mm

Size: 12" × 7"

PCD: 4/101.6mm

AP4-12



AP4-10



AP4-03



AP2-04





Official Website



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