

Smart Drone Charger

Type: 9800is Air-cooled gasoline DC Charging station



Aircraft Power Supply

DC Drone Charging Generator

Smart Drone Charger

10800is **9800is**

Agricultural drone charging generator has more than ten patented technologies. It fully solves the pain points of difficult and slow charging of drones in outdoor plant protection operations, improves the overall flight efficiency for operators, and saves flight costs. The 28000mAh agri-drone battery can be fully charged in 10 minutes, low fuel consumption, High efficiency, almost doubling the number of flight operations in a single day. At the same time, use the self-developed background system to monitor the battery status, and use constant current, voltage and trickle charging technology to protect the battery from overcharging during the fast charging process, which can greatly extend the battery life.




02

9800is

Engine Model	190F(E)
Engine Type	Single cylinder, four-stroke, air-cooled, OHV
Starting Method	Recoil/ electric start
Ignition System	Transistor contactless ignition
Bore * Stroke (mm)	90*66
Displacement (cc)	440
Oil Capacity (L)	1.1
Fuel Consumption (g/kw.h)	≤374
Max. Vol. (DCV)	61
Max. Current (DCA)	106
Rated Power (kW)	6.5
Max. Power (kW)	7.0
Fuel Tank Capacity (L)	25
Noise (dB)	88
N.W. (kg)	65

- Small volume
- Light weight
- Cost-effective
- Self-developed air-cooled gasoline engine
- Service life over 500 hours
- Professional level permanent magnet motor
- DC Output No traditional charger
- Intelligent monitoring display Overload protection
- Can charge batteries below 18S
- Small size (65kg)
- Unique patented design
- Suitable for non-high use intensity areas

9800is
Air-cooled gasoline DC charging station



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01
10800is

High Efficiency
Low Energy Consumption

- Self-developed single-cylinder high-speed water-cooled gasoline engine
- The cost of fuel consumption is close to the level of diesel use (single time \$0.5)
- DC Output No traditional charger
- Meet all battery needs in the market
- Less failure Easy maintenance
- Service life over 3000 hours
- Professional level permanent magnet motor
- Intelligent monitoring display Overload protection
- Small size (80kg)
- Unique patented design

Engine Model	1-74-D
Engine Type	Single cylinder, four-stroke, OHV
Cooling Method	Water-cooled
Ignition System	Electric start
Bore * Stroke (mm)	90*66
Displacement (cc)	300
Compression Ratio	10.2 : 1
Max. Power (kW)	9
Rated Power (kW)	8.5
Max. Speed (r/min)	8000
Working Speed (r/min)	3800-5500
Oil Capacity (L)	1.1
Output Vol. (DCV)	40-80
Output Current (DCA)	30-120
Fuel Tank Capacity (L)	12
Noise (dB)	75
N.W. (kg)	80

10800is
Water-cooled gasoline
DC charging station



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Self-developed single cylinder high-speed water

Service life over 3000 hours

Cooled gasoline engine

Professional n is close

Level permanent magnet motor

Dc output Intelligent

No traditional

monitoring display

charger Meet all battery Small size

needs in the (80kg)

market

Less failure

Unique patentec

Easy maintenance

Comparison between Dji D12000ie & 10800is		
		
Model	D12000ie	10800is
Engine type	Air-cooled	Water-cooled
Displacement	500cc	300cc
Working speed (rpm/min)	3600	4200
Max. speed (rpm/min)	3800	8000
Oil changing	Every 50h	Every 200h
Fuel consumption	500ml/kWh	256ml/kWh
Fuel type	92# gasoline	92# gasoline
Fuel tank capacity	30L	12L
Output method	AC to DC	DC
Rated power	9KW	DC 9KW
Charging time (T40)	12 min	11min
Monitoring screen	X	√
Noise	96 dB	75 dB
Service Life	500h	3000h
N.W	89kg	75kg

D12000ie Power Supply

Keywords: Almighty charging station (generator), smart charging steward, smart charger, smart drone charging system, fuel charging station, plant protection drone, large-scale load-bearing drone, agricultural drone