

# Pedal de JonaSun Type-2020

# SPEC



Flame : Made by US CATRIKE ROAD AR  
Motor : MITSUBA Prototype  
Pedal generator: MITSUBA Prototype  
Controller: Onozuka Seiki Prototype  
Solar panel : Sunpower Flexible Solar Panel SN-HETFE170W  
MPPT : Namikoshi Electronics Boost type PT-209U  
Battery: Lithium Ion Battery made by SAIKI for WSBR exclusive product  
2 series x 2 parallel Total weight 4 kg  
Average voltage: 53.2V 18Ah Total capacity 957.6W / h  
Continuous maximum discharge current 36Ah  
Tire : Front: IRC 20inch Rear: BS ECOPIA 14inch  
Wheel : Front: Bicycle spoke type Rear: GH Cruft CFRP 14inch  
Trailer : Made by Oskar-Bebhut One Wheel Cargo Trailer.



Seat is a racing kart type CFRP  
Equipped with a mudguard cover for driving on public roads  
Pursuing the best position for long-term continuous driving



Pedal generator: MITSUBA prototype. Load adjustment is a digital dial type. Free choice according to the rider's leg strength.  
Rotation speed is also free. Power generation amount changes depending on load and rotation speed



Motor changed from 2020 model to high torque prototype for Hokkaido tour.  
The wheel is a carbon wheel made by GH Craft, which was developed for solar car competition.  
Rear tire is BS ECOPIA solar car exclusive 14inch.



Operation system:  
accelerator: Right grip upper  
accelerator volume type.  
Right grip: Main switch  
Speed meter  
Headlight switch  
Ammeter • BATT integrator  
iPhone-Navi



## HEAD LIGHT

LED headlights equipped for driving on public roads.

Power is supplied independently from the main battery via a DCDC converter.



## Batt voltmeter:

Lithium-ion Batt voltage monitoring voltmeter is displayed with an independent power supply (9V)



## Left hand grip operation switch:

Hazard ST

Turn signal ST

Horn ST

Transceiver PTT

Solar panel ST

Solar panel power meter



ST that adjusts the load of pedal power generation.

You can choose the load according to the rider's leg strength regardless of the slope and wind direction.



Regenerative braking volume ST is placed at the grip end.  
Dial operation is possible while holding the grip



Maximum speed is 50km / h  
Optimal cruising speed is 35-40km / h  
In fine weather, 1 set of battery can run over 100km