



Model- STL-ID20-SD Hybrid Controller

Features:

- * Customized Software
- * Max operating voltage 1000V
- * Generator Back feeding protection
- * Ensure Minimum load of operation
- * Generator swing management
- * Comprehensive grid management functions
- * Ensures maximum operational safety
- * Minimize operating expenditure
- * Minimize CO2 emissions

The Fuel Save Controller (FSC) or Power Conditioning Unit (PCU) is a key component of the solution for photovoltaic/diesel hybrid systems. It allows the use of cost-efficient solar energy to generate power in order to lower fuel consumption from diesel generators.

Hardware brand: Siemens

i. PLC - S7 1200

ii. HMI-TP700

Input	
Max Number of Inverter	40
Hardware interrupt	Yes
Modbus Type	TCP/IP
Communication port	Ethernet
Isolation	Yes
Rated Voltage	230VAC
Rated current	0.5A
Output	
Digital output switch	5
Rated Capacity	2 MW
Control Voltage	1000 VDC
Control	Automatic
General	
Software	Customized
Dimensions	600 X 550 X1200 (mm)
Power backup	30 minutes
Warranty	5 years
Max Temp.	85° C
Power Consumption	100 W

