



# UNITED STATES ECONOMY



## LABOR FORCE AND UNEMPLOYMENT

Unemployment rate

5.46%

● Unemployed (5.46%)  
● Employed (94.54%)

Population & labor force



Total Population :  
331.9 Million



Labor Force :  
161.2 Million



Unemployed :  
8.8 Million



## BALANCE OF TRADE



## HOUSE HOLD INCOME AND POVERTY

Income and distribution



Median Income  
\$ 70,784  
Per Household



Minimum Wage  
\$ 7.25  
Per Hour



Gini Index  
0.49

Population below poverty line



● Below poverty line (11.6%)  
● Above poverty line (88.4%)



## GROSS DOMESTIC PRODUCT

GDP



\$ 23.32  
Trillion  
(2021)

GDP (per capital)



\$ 70,248.63  
(2021)

Real growth rate



5.9%  
(2021)

## DEBT AND INFLATION

Public Debt

\$ 30.93 Trillion  
(2022)



124% (of GDP)  
(2022)

Inflation Rate



6.5%  
(Dec. 2022)

# Economics The Us Economy And The World Vol 4

**B Lingard**



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solar cutout and battery to load circuit a pic16f72 programmable interface controller is used for small size and inbuilt analog inputs to determine voltage level of battery and solar cell only two of that in circuit relay

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web jan 27 2022 this report presents a photovoltaic pv backup battery bank charge controller design it analyzes the characteristics of high penetration rooftop pv system and proposes adequate backup battery

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web dec 15 2020 solar circuit a solar charging circuit is a circuit that gets higher voltage from the solar panel and converts it down to a charging voltage so that it can efficiently charge the battery for this project we will be using the lt3562 based mppt charge controller circuit board that we have already made in one of our previous projects

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web jan 1 2012 in this paper we present a design and simulation of an efficient solar charge controller this solar charge controller works with a pwm controlled dc dc converter for battery charging

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web dec 16 2019 the scc is designed based on the arduino microcontroller which has the role of controlling the circuit and producing pwm signals to regulate the dc dc converter several tests were conducted to validate the efficiency of the mppt algorithm the scc device succeeded in increasing efficiency up to 52 on the low irradiance level