

DAFTAR GAMBAR

Gambar II.1 Konstruksi Baterai Sealead Lead Acid.....	6
Gambar II.2 Rangkaian Rectifier	10
Gambar II.3 Rangkaian Prinsip Kerja Dasar Boost Converter.....	11
Gambar II.4 Continous Mode DC chopper Tipe Boost.....	12
Gambar II.5 Discontinuous mode DC chopper tipe boost.....	13
Gambar II.6 Fixed Voltage Regulator.....	14
Gambar II.7 Adjustable Voltage Regulator.....	14
Gambar II.8 ESP32	16
Gambar II.9 Tampilan Software Arduino IDE.....	16
Gambar II.10 Skema Sistem Relay	17
Gambar II.11 Rangkaian Sensor Arus	18
Gambar II.12 App Invertor	20
Gambar II.13 Ilustrasi Internet of Things.....	21
Gamabr III.1 Diagram Blok	22
Gambar III.2 Rangkaian Rectifier.....	29
Gambar III.3 Rangkaian Boost Converter	29
Gambar III.4 Boost Converter.....	30
Gambar III.5 Sensor Pembagi Tegangan	30
Gambar III.6 Sensor ACS712	31
Gambar III.7 Wiring Diagram Sistem.....	32
Gambar III.8 Flowchart Program.....	33
Gambar III.9 ThingSpeak.....	34
Gambar III.10 Flowchart Sistem IoT	35
Gambar III.11 Tampilan Aplikasi Android Monitoring Charger.....	36
Gambar IV.1 Grafik Tegangan Percobaan I	41
Gambar IV.2 Grafik Arus Percobaan I	41
Gambar IV.3 Grafik Tegangan Percobaan II	44
Gambar IV.4 Grafik Arus Percobaan II	44
Gambar IV.5 Grafik Tegangan dan Arus pada Thingspeak.....	45
Gambar IV.6 Tampilan Uji Coba Aplikasi Android.....	46