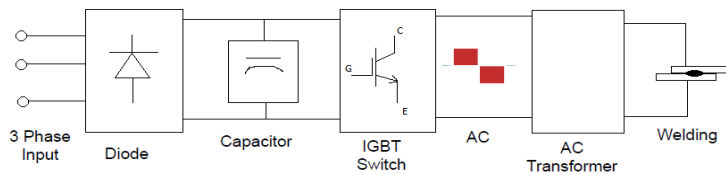


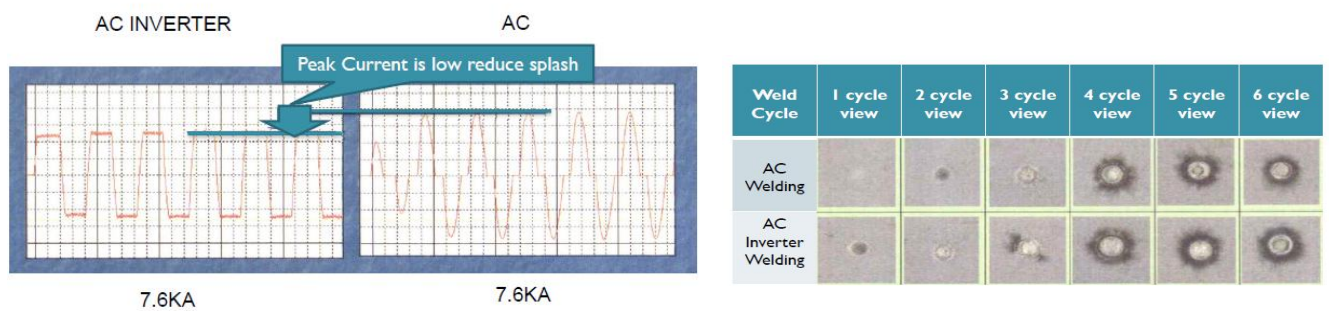
AC INVERTER

AC Inverter is a 3000Hz switching inverter which can be used with normal AC transformer welding. The AC inverter consists of input three phase balanced supply which is then converted to DC and high frequency switched back to 50/60Hz AC and given to standard AC welding transformer. The existing AC weld Gun can thus be readily upgraded to Inverter based welding gun by adapting the AC inverter weld control.

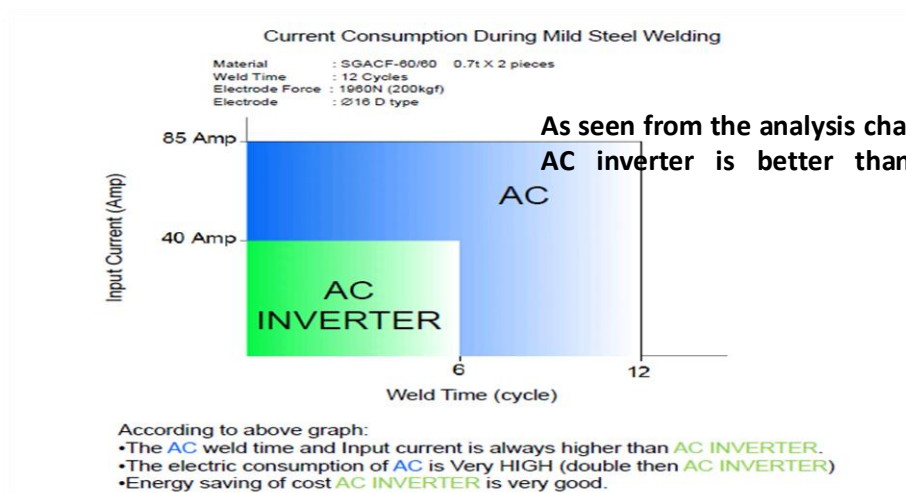


The major advantages of AC Inverter include

- Three Phase balanced input supply
- Higher efficiency and Higher power factor > 0.8
- Lower input current requirement as compared to AC welding control
- Increase metal sheet welding quality and reduced weld splashing



- Reduce power consumption(energy saving)



- Increased electrode life

Key Features

- User friendly and ease of operating
- Can be directly connected to AC weld transformer
- Phase angle and constant current operation
- 50/60 Hz operation
- 16/32 program selection
- High-Lift and Dual gun facility
- Counters like Spot count, Job Count, Tip Dress and Tip Change count
- Weld Current monitoring
- Inbuilt programmer or hand held detachable programmer
- Proportional valve output for force control
- Enhanced Fault Diagnostic and detection

Optional

- MCCB ELR (Earth Leakage Relay)
- Reset Box
- Profinet / Devicenet / Ethernet IP connectivity

Specification

3 phase, 415V AC, +10 % to -15%, 50/60 Hz

Constant Current/ Phase Angle Firing

FRAM data storage up to 45 years of retention

Current Range: 2 to 60 KA

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