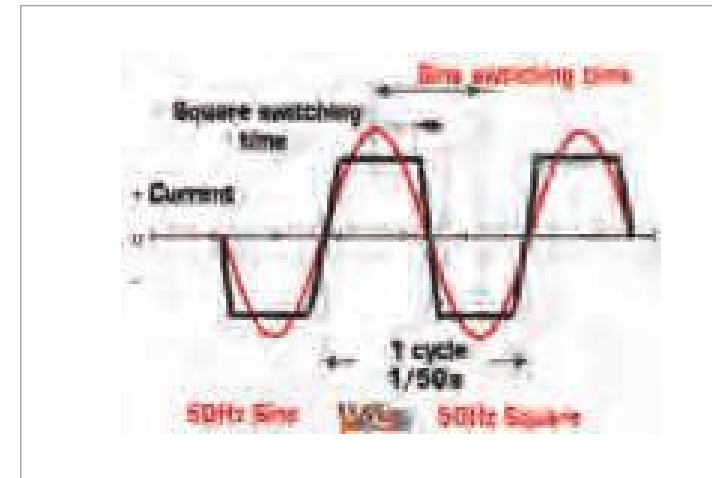




Tandem SAW system is the welding equipment with high efficiency, high quality and low cost. It takes advantage of anterior wire's DC arc to provide deep penetration and high welding speed. Meanwhile, it also takes advantage of posterior wire's AC arc to improve the appearance, formation and surface finish of the welding seam. It is the best choice for welding medium and thick plates.

Features and Benefits

- **High speed and high efficiency:** the welding speed and efficiency are over two times those of single-wire SAW
- **Flexible modes:** the anterior DC wire can work with the posterior AC wire simultaneously or work separately
- **Flexible mounting of tractor head:** can be mounted on the auxiliary machines, such as gantry, manipulator, and so on
- **Wide applicable range:** for the wire diameter over 3mm, and suitable for DC welding, AC welding, and TANDEM welding
- **With more adjustable parameters:** to ensure the welding penetration and width and improve welding quality
- **Multiple configurations:** the type matching with automation equipment, tractor type



ASAW -ACDC can precisely control switching current, faster switching response, much better re-arc performance than AC transformer power source.

Technical Specification

| | TANDEM1000 | | TANDEM1250 | | TANDEM1600 | |
|---------------------------------------|-------------------------------|--------------|-------------|--------------|-------------|--------------|
| | ASAW1000II | ASAW1000ACDC | ASAW1250II | ASAW1250ACDC | ASAW1600II | ASAW1250ACDC |
| Rated input voltage /frequency (V/Hz) | 3 phase, AC380V±10%, 50 /60Hz | | | | | |
| Rated input capacity (KVA) | 55x2 | | 69 | 68 | 88 | 68 |
| Rated input current (A) | 83x2 | | 105 | 103 | 140 | 103 |
| Duty cycle (40°C) | 100%@1000A | 100%@1000A | 100%@1250A | 100%@1250A | 100%@1600A | 100%@1250A |
| OCV (V) | 89 | 90 | 92 | 92 | 92 | 92 |
| Adjustable current range (A) | 60-1000 | 50-1010 | 60-1250 | 50-1260 | 60-1600 | 50-1260 |
| Adjustable voltage range (V) | 20-50 | | | | | |
| Wire size (mm) | 3.0-6.0 | | | | | |
| Protection class | IP21S | | | | | |
| Insulation class | H | | | | | |
| Dimension (mm) | 788*366*815 | 1040*500*720 | 788*366*846 | 1040*500*720 | 788*366*846 | 1040*500*720 |
| Weight (kg /lb) | 95 /209.8 | 165 /364.7 | 100 /220.9 | 170 /374.7 | 130 /287 | 170 /374.7 |

