

# WELDING MACHINES

## DLW-300ESW

| BRAND             |               | DENYO      |           |        |
|-------------------|---------------|------------|-----------|--------|
| MODEL             |               | DLW-300ESW |           |        |
| Frequency         |               | Hz         | 50        | 60     |
| DC WELDING OUTPUT |               |            |           |        |
| Rated Output      |               | kW         | 7.9       | 8.74   |
| Rated Current     |               | A          | 260       | 280    |
| Rated Voltage     |               | V          | 30.4      | 31.2   |
| Single            | Current range | A          | 60-280    | 60-300 |
|                   | Electrode     | mm         | Φ2.0-Φ6.0 |        |
| Dual              | Current range | A          | 30-140    | 30-150 |
|                   | Electrode     | mm         | Φ2.0-Φ3.2 |        |
| Rated Speed       |               | min        | 3,000     | 3,600  |
| Duty Cycle        |               | %          | 50        |        |
| SET               |               |            |           |        |
| Length            |               | mm         | 1,410     |        |
| Width             |               | mm         | 680       |        |
| Height            |               | mm         | 770       |        |
| Dry weight        |               | kg         | 405       |        |
| Total weight      |               | kg         | 449       |        |

| Engine                                  |     |                                       |         |            |
|-----------------------------------------|-----|---------------------------------------|---------|------------|
| Maker/Model                             |     | KUBOTA                                |         | D905-KA    |
| Type                                    |     | Water-cooled diesel engine            |         |            |
| Number of cylinders                     |     | 3                                     |         |            |
| Bore X Stroke                           |     | mm                                    | 72X73.6 |            |
| Total displacement                      |     | L                                     | 0.898   |            |
| Rated output kW/min                     |     | 14.7/3,000                            |         | 17.3/3,600 |
| Battery                                 |     | 12V-45Ah(55B24L)                      |         |            |
| Fuel                                    |     | DIESEL FUEL ASTM NO.2 or eq           |         |            |
| Fuel Tank Capacity                      |     | L                                     | 36      |            |
| Lubricanting capacity                   |     | L                                     | 5.1     |            |
| Cooling water capacity                  |     | L                                     | 4.7     |            |
| AC POWER OUTPUT                         |     |                                       |         |            |
| Three-Phase                             |     |                                       |         |            |
| Rated Output                            | kVA | 10                                    |         |            |
| Rated Current                           | V   | 200                                   | 220     | 380        |
| Rated Voltage                           |     | 28.9                                  | 26.2    | 15.2       |
| Rated Current                           | V   | 400                                   | 415     | 440        |
| Rated Voltage                           |     | 14.4                                  | 13.9    | 13.1       |
| No. Of Phase                            |     | 3-Phase 4-Wire                        |         |            |
| Power Factor                            |     | 0.8(Lag)                              |         |            |
| Excitation                              |     | Brushless type (with AVR)             |         |            |
| No. of poles                            |     | 2                                     |         |            |
| Insulation                              |     | Class F                               |         |            |
| Single-phase<br>Aux. AC Power(Optional) |     | Receptacle [1.5 kVAX4]<br>Total 6 kVA |         |            |



PWM MACHINERY(THAILAND) CO., LTD Head office  
18/290 M007 Bangna-Trad Km.16 Rd.  
Bangchalong, Bangphli, Samutprakarn 10540

Chonburi branch  
555/2 Moo 10 Nong kham Sub District,  
Siracha District, Chonburi Province 20110