

QCW  
-  
60W

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-60W  
Chain  
Welding  
Machine



## Parameters

|                             |                                             |
|-----------------------------|---------------------------------------------|
| Model No                    | QCW 60W                                     |
| Laser wavelength            | 1080nm $\pm$ 5nm                            |
| Output power                | 60 W                                        |
| Max pulse energy            | 6 J                                         |
| Max peak power              | 600W                                        |
| Pulse width                 | 0.2 - 50 ms                                 |
| Operating mode              | QCW                                         |
| Energy fluctuaion           | <1.5%                                       |
| Optical fiber core          | 14um/20um/30um/50um/100um/150um/200um & DOE |
| Number of outputs           | 1, RQB                                      |
| Optical fiber armor length  | 1.5m & 6m (customizable)                    |
| cooling mode                | Air cooling                                 |
| Power consumption           | 300 W                                       |
| Power requirements          | AC220V $\pm$ 10%, 50/60Hz                   |
| Layer switching time        | >0.5ms                                      |
| Layer                       | 16                                          |
| Laser operating temperature | 10°C - 45°C                                 |