



## 1. Description

SS40T65WFU is obtained by advanced Trench Field Stop (T-FS) technology which is characteristic with low  $V_{CE(sat)}$ , optimized switching performance and low gate charge  $Q_g$ . The IGBT is suitable device for welding, UPS, and high switching frequency applications.

### KEY CHARACTERISTICS

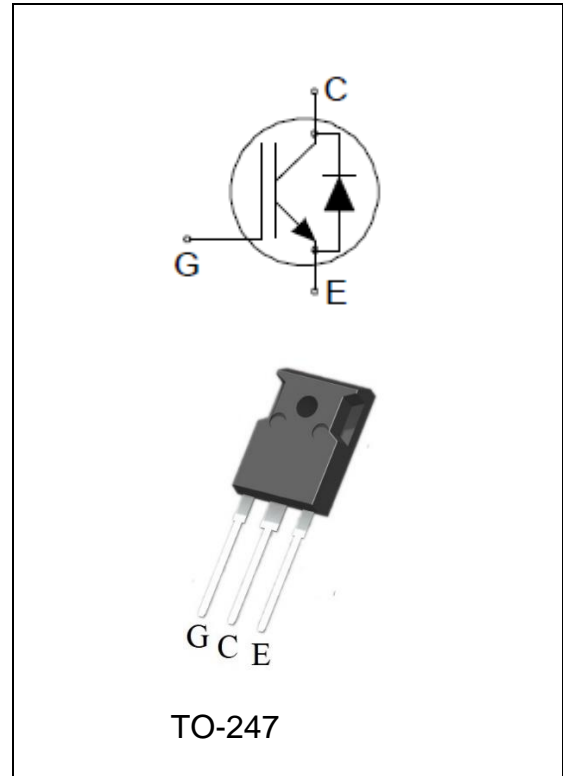
Parameter	Value	Unit
$V_{CES}$	650	V
$I_C$	40	A
$V_{CE(sat).typ}$	1.55	V

### FEATURES

- Fast Switching
- LOW  $V_{CE(sat)}$
- Positive temperature coefficient
- Fast recovery anti-parallel diode
- RoHS product

### APPLICATIONS

- Welding converters
- UPS
- Boost Chopper
- Air condition



## ORDERING INFORMATION

Ordering Codes	Package	Product Code	Packing
SS40T65WFU	TO-247	40T65WFU	Tube