	36A
	800V
	118mq

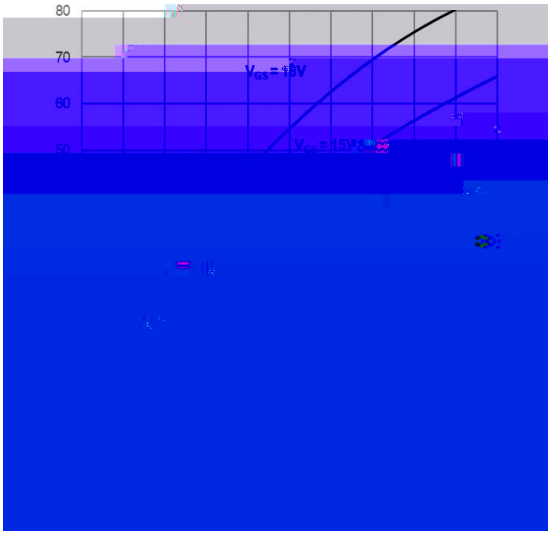
- Wide Bandgap SiC MOSFET Technology
- Low On-Resistance with High Blocking Voltage
- Low Capacitances with High-Speed Switching
- Low Reverse Recovery (Qrr)
- Robust against Parasitic Turn on Even 0V Turn off Gate Voltage

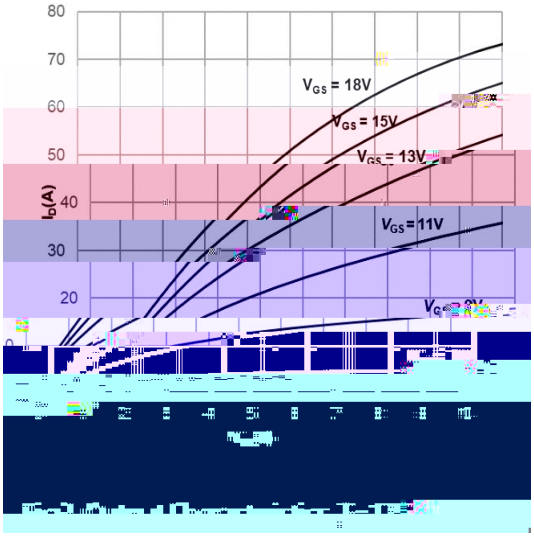
- Reduced Switching Losses
- Increased System Switching Frequency
- Increased Power Density
- Reduction of Heat Sink Requirements
- Reduced EMI

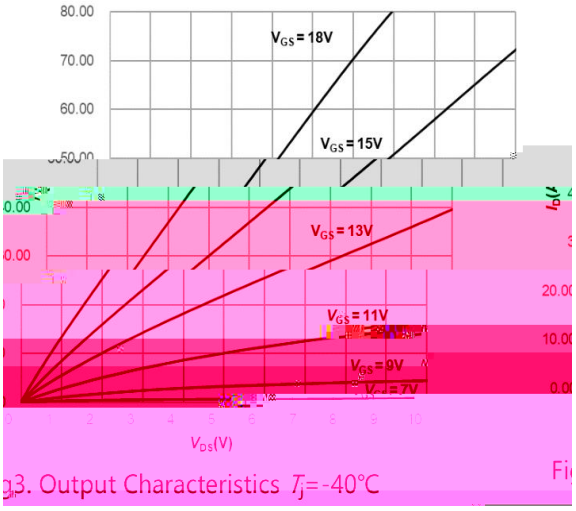
- High Efficiency Switch
- Motor driven
- Ammeter
- UPS power

Drain-Source Voltage	800
Gate-Source Voltage	-10/+22
Recommended Operation Value	0~/+18
Continue Drain Current T_C=25	36
Continue Drain Current T_C=100	19.5
Pulsed Drain Current	55
Power Dissipation TC=25	130
Power Dissipation TC=175	69
Operating Temperature Range	-55 to +175
Storage Temperature Range	-55 to +175
Thermal Res	

Drain-Source







g3. Output Characteristics T_j= -40°C

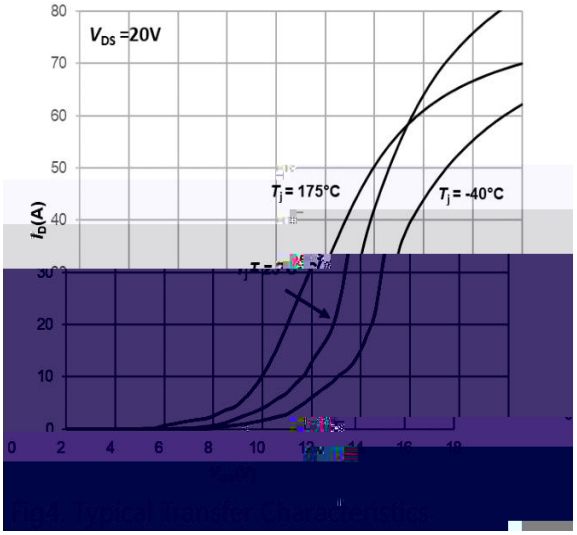


Fig.4 Typical Transfer Characteristics



Fig5. Normalized On-Resistance vs. Drain Current For Various V_{GS}

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity	l' Y F Wm
YFWM309065AFG3					

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