

## → FEATURED PRODUCT

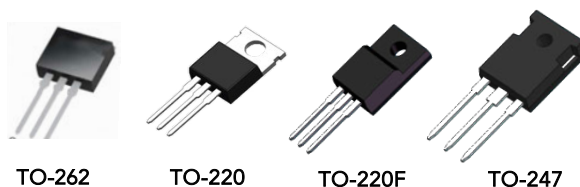
### Good-Ark Semiconductor 900V-950V High Voltage Power MOSFETs

#### In TO-262/TO-220/TO-220F/TO-247 Power Packages

Good-Ark Semiconductor introduces 900V to 950V, 5A-12A high voltage power MOSFETs in power packages. Ideal for the applications of EV chargers, Solar, UPS and server power, this series of MOSFETs utilize charge balance technology to achieve outstanding low on-resistance and lower gate charge. They are designed to minimize conduction loss, provide superior switching performance and robust avalanche capability.

#### FEATURES

- Advanced power MOSFET process
- High voltage up to 950V
- Low on-resistance with low gate charge
- Fast switching and reverse body recovery



#### BENEFITS

- Energy efficient
- High cell density
- Excellent reliability

#### APPLICATIONS

- EV charger
- Solar
- UPS
- Server power

Free samples available for immediate testing.  
Contact us at: (+1) 631-319-1858 or  
[inquiry@goodarksemi.com](mailto:inquiry@goodarksemi.com)

#### KEY SPECIFICATIONS

Part Number	Package	Polarity	Config.	$V_{DS}$	$V_{GS}$	$V_{GS(TH)}$	$V_{GS(TH)}$	$I_D$	$P_D$	$R_{DS(ON)}$
				Max	Max	Min	Max	Max	(W)	Max
				(V)	(+/-V)	(V)	(V)	(A)		@ $V_{GS}=10V$
GSFDT90R120	TO-262	N-Ch	Single	900	30	2.00	4.00	5.00	83	1200
GSFA90R350	TO-247	N-Ch	Single	900	30	2.90	3.90	12.00	219	350
GSFU9006	TO-220F	N-Ch	Single	900	30	2.90	3.90	6.00	32	750
GSFH9506	TO-220	N-Ch	Single	950	30	2.90	3.90	5.00	83	1200
GSFU9504	TO-220F	N-Ch	Single	950	30	2.90	3.90	5.00	31	1200
GSFU95R500	TO-220F	N-Ch	Single	950	30	2.90	3.90	10.00	34	500
GSFU9506	TO-220F	N-Ch	Single	950	30	2.90	3.90	6.00	32	750
GSFA95R500	TO-247	N-Ch	Single	950	30	2.90	3.90	10.00	151	500

[www.goodarksemi.com](http://www.goodarksemi.com)

Tel: (+1) 631-319-1858 Fax: (+1) 631-319-1855 Email:  
[inquiry@goodarksemi.com](mailto:inquiry@goodarksemi.com)

