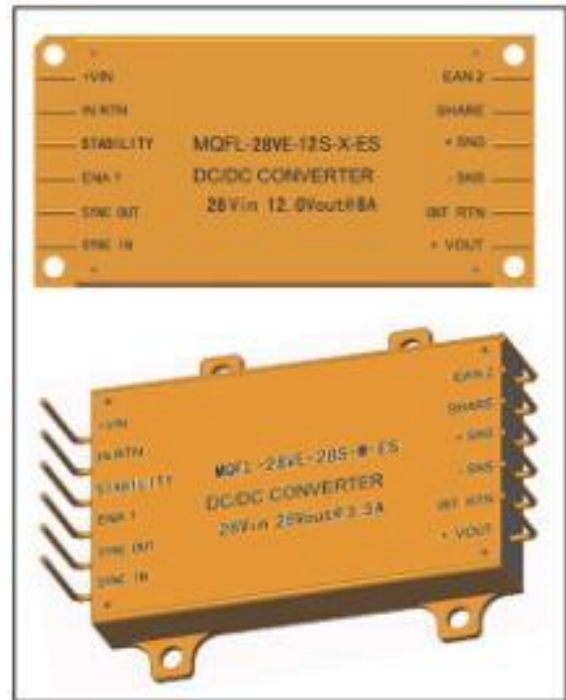


28V High Reliability Series DC/DC Converter

The 28V High Reliability Series is a highly reliable isolated regulated power supply designed for the onboard GJB181 and GJB181A power supply features, and can operate over an ultra-wide input range.

Product features:

- Wide range of inputs: 5.5V~80V (1s)
- Efficiency: Up to 90%
- Input and output enable control
- Parallel flow equalization
- Over or under voltage, short-circuit (overcurrent) protection
- Inputs, outputs, and housings are isolated from each other
- Operating temp (case temp): -55°C~100°C
- Product size(mm): 76.2×38.1×9.9
- weight: 79g
- Completely replaces SynQor counterparts
- Meet GJB181, GJB181A overvoltage, undervoltage, transient



Performance metrics

Input voltage(V)	Transient voltage (V)	Maximum power(W)/ Efficiency (%)				
		5V	7.5V	12V	15V	28V
16~40	16~50	120/88	120/89	120/89	120/89	112/88
16~70	16~80	120/88	120/89	120/88	120/88	112/87
16~40	5.5~50	100/89	97.5/90	96/90	97.5/90	92.4/89
16~70	5.5~80	100/88	97.5/89	96/89	97.5/89	92.4/88

Product selection

Product Series	Input voltage	Output voltage	Mounting form	Suffix name
MQFL Series	28: 16~40V	05S: 5V	X: Straight needle W: Curved needle	ES
	28E: 16~70V	7R5S: 7.5V		
	28V: 9~40V	12S: 12V		
	28VE: 9~70V	15S: 15V		
		28S: 28V		