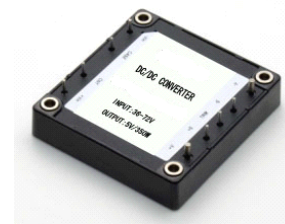


## 75W DC-DC converter(1/2 brick)



### Typical performance

- ⊙ Wide Input voltage range (4:1)
- ⊙ Typical Efficiency:85%
- ⊙ Overcurrent/Short circuit protection,Self-furbish
- ⊙ Input-output isolated (1500Vdc)
- ⊙ PCB Board in-line type installs
- ⊙ High power density



**Technology parameter** Test condition:General Nominal Line, Tc=25°C , Rated resistant load unless other wise specified

Input Features	Min	Nom	Max	Notes
Input voltage (Vdc)	9		36	4:1

### Remote On/Off Function

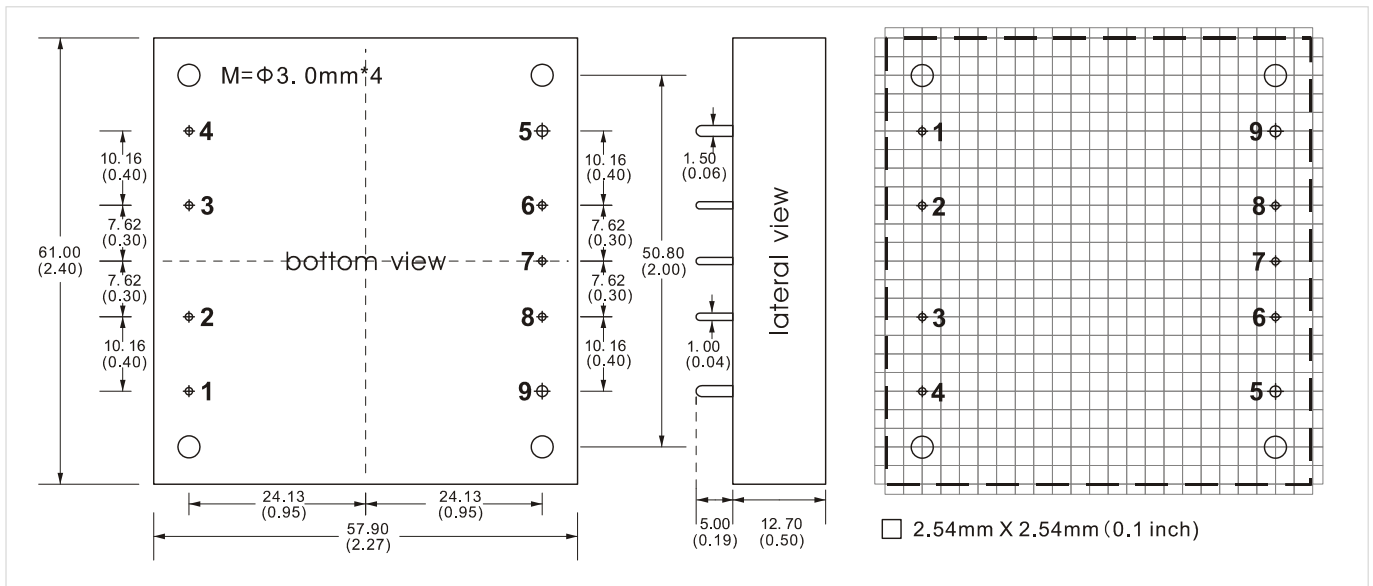
1)Positive Logic	ON	High level or Open circuit	-Vin(reference to -Vin)
	OFF	Connect to -Vin	
2)Negative Logic	ON	Connect to -Vin	
	OFF	High level or Open circuit	

### Output Features

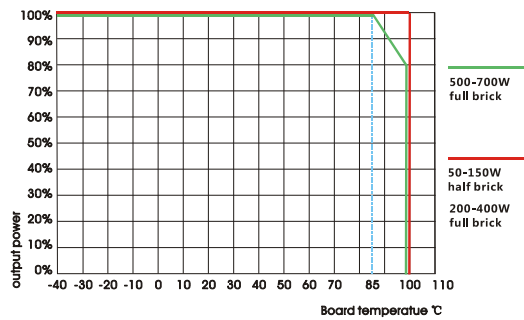
Voltage accuracy		Vo1	±1.0%(Vinom and Ionom)
Line regulation		Vo1	±0.2%
Load regulation		Vo1	±0.5%(Vimin~Vimax, Ionom)
Ripple and noise			≤1%Vo;
Dynamic response			200us
Voltage adjust	Standard output voltage	TRIM	±10% (adjustable)



## Mechanical Data



## Temperature graph



## Mechanical Data

Packing	L x W x H	Packing No.
Half Brick	61.00 x 57.90 x 12.70mm(2.4*2.27*0.5inch)	

## Pin Assignments

Pin	1	2	3	4	5	6	7	8	9
S	+Vin	REM	CASE	-Vin	GND	-S	TRIM	+S	+Vout

\*Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.