



# MOTIEN TECHNOLOGY CO., LTD.

# DC/DC CONVERTER

0.25-0.75W

1W - 3W

4W - 6W

**VA-0.25/0.5W**

- ±10% input
- Unregulated
- Single output
- 1K~3KV isolation
- SIP4/DIP8



**VA-1/1.5W**

- ±10% input
- Unregulated
- Single/dual output (1.5W single output only)
- 1K~3KV isolation
- SIP4/DIP8



**VE-2W**

- ±10% input
- Unregulated
- Single output
- 1K~3KV isolation
- SIP4



**VB-1/2W**

- 2:1 input
- Regulated
- Single/dual output
- 1K~3KV isolation
- Remote on/off
- SIP8/DIP16



**VB-3W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- SIP8



**NP1-1W**

- ±10% input
- Unregulated
- Single/dual output
- 3K~6KV isolation
- SCP / SIP7



**VD-4/5/6W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**MD-6W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3KV isolation
- DIP24



**V1-0.5/0.75W**

- ±10% input
- Unregulated
- Single/dual output
- 1K~6KV isolation
- SIP7/DIP14



**V1-1W**

- ±10% input
- Unregulated
- Single/dual output
- 1K~6KV isolation
- SIP7/DIP14



**VF-2/3W**

- ±10% input
- Unregulated
- Single output
- 1K~5.2KV isolation
- SIP12



**MB-1W**

- 2:1 input
- Unregulated
- Single/dual output
- 1.5KV isolation
- SIP6



**VBW-2/3W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5KV isolation
- Remote on/off
- SIP9



**NP2-2W**

- ±10% input
- Unregulated
- Single/dual output
- 3K~6KV isolation
- SCP / SIP7



**VK-4/5/6W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**MK-6W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5K~3KV isolation
- DIP24



**M4-1W**

- ±10% input
- Regulated
- Single output
- 1K~3KV isolation
- SIP7/DIP14



**M1-1/2/3W**

- ±10% input
- Semi-regulated
- Single/dual output
- 1K~3KV isolation
- SIP7



**MBW-3W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off (single output only)
- SIP6



**RBW-3W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- SIP8



**NL1-1W**

- ±10% input
- Unregulated
- Single output
- 3KV isolation
- SCP / SIP4



**FD-4/5/6W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**VB-6W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3KV isolation
- Remote on/off



**V4-1W**

- ±10% input
- Regulated
- Single output
- 1K~3KV isolation
- SIP7/DIP14



**V3-2W**

- ±10% input
- Unregulated
- Single/dual output
- 1K~6KV isolation
- SIP7/DIP14



**VD-3W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**MD-3W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3KV isolation
- DIP24



**NL2-2W**

- ±10% input
- Unregulated
- Single output
- 3KV isolation
- SCP / SIP4



**VQ-5/6W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**VBW-6W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5K~3KV isolation
- Remote on/off
- SIP8



**T1-1W**

- ±10% input
- Unregulated
- Single/dual output
- 1.5K~3KV isolation
- Temperature up to 105°C
- SIP7



**NE3-3W**

- ±10% input
- Unregulated
- Single output
- 3KV isolation
- SIP4



**VK-3W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**MK-3W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5K~3KV isolation
- DIP24



**V6-1.5/3W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**R6-5/6W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**VL-1W**

- ±10% input
- Unregulated
- Single/dual output
- 6KV isolation
- SIP7



**VL-2W**

- ±10% input
- Unregulated
- Single/dual output
- 5.2KV isolation
- SIP7



**VP-3W**

- 4:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**NA3W-3W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- DIP8



**R6-3W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24



**RD-5W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5K~3.5KV isolation
- DIP24





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## 7.5W - 25W

## 30W - 60W

## Railway

## Non-isolation

## Reinforced

**VB-9W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- SIP8




**VD-8/10W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5KV isolation
- DIP24




**VN-15/20W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 1"x1"




**VT-30/40W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 2"x1"




**VN-30W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 1"x1"




**RW-8W**

- Ultra wide input
- Regulated
- Single/dual output
- 3KV isolation
- Remote on/off
- DIP24




**VR-78M**

- 4.75V~34V input
- 0.5A output current
- Efficiency up to 97%
- SIP3




**NB3R5HW-3.5W**

- 4:1 input
- Regulated
- Single/dual output
- 5KVAC isolation
- Remote on/off
- DIP16




**VBW-9W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6K~3KV isolation
- Remote on/off
- SIP8




**VV-8/10/12W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- DIP24




**VNW-15/20W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 1"x1"




**VTW-30W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 2"x1"




**VNW-30W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 1"x1"




**RW-20W**

- Ultra wide input
- Regulated
- Single/dual output
- 3KV isolation
- Remote on/off
- 1"x1"




**VR-78xx-1.0**

- 4.75V~18V input
- 1A output current
- Efficiency up to 94%
- SIP3




**NQ1H-1W**

- ±10% input
- Unregulated
- Single/dual output
- 5KVAC isolation
- SIP7




**M10A-10W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- DIP16




**VV-15W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- DIP24




**VM-25W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5KV isolation
- Remote on/off
- 2"x1.6"




**VT-50W**

- 2:1 input
- Regulated
- Single output
- 1.6KV isolation
- Remote on/off
- 2"x1"




**VM-30W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5KV isolation
- Remote on/off
- 2"x1.6"




**RW-25W**

- Ultra wide input
- Regulated
- Single output
- 3KV isolation
- Remote on/off
- 2"x1"




**VR-78H**

- 9V~72V input
- 0.4~0.5A output current
- Efficiency up to 95%
- SIP3




**NQ2H-2W**

- ±10% input
- Unregulated
- Single/dual output
- 5KVAC isolation
- SIP7




**V8-20W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 2"x1"




**VU-12/15W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- DIP24




**VTW-60W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 2"x1"




**M40A-40W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 2"x2"




**M60-60W**

- 2:1 input
- Regulated
- Single output
- 1.6KV isolation
- Remote on/off
- 2"x2"




**VR-78xx-0.5**

- 4.5V~28V input
- 0.5A output current
- Efficiency up to 94%
- SIP3




**MR-78xx-1.0**

- 7V~28V input
- 1A output current
- Efficiency up to 93%
- SIP3




**NC10HW-10W**

- 4:1 input
- Regulated
- Single/dual output
- 5KVAC isolation
- Remote on/off
- DIP24




**V9-20W**

- 4:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- Remote on/off
- 2"x1"




**M7W-15W**

- 4:1 input
- Regulated
- Single/dual output
- 3KV isolation
- Remote on/off
- 1.6"x1"




**M9-20W**

- 4:1 input
- Regulated
- Single/dual output
- 3KV isolation
- Remote on/off
- 1.6"x1"




**VNW-40W**

- 4:1 input
- Regulated
- Single output
- 1.6KV isolation
- Remote on/off
- 1"x1"




**SVRH-0.5**

- 9V~72V input
- 0.5A output current
- Efficiency up to 92%
- Temperature up to 105°C
- Remote on/off
- SMD




**SVR-1.0**

- Input up to 36V
- 1A output current
- Efficiency up to 96%
- Temperature up to 105°C
- Remote on/off
- SMD




**ND20HW-20W**

- 4:1 input
- Regulated
- Single/dual output
- 5KVAC isolation
- Remote on/off
- 1.6"x1"




**V7-10/15W**

- 2:1 input
- Regulated
- Single/dual output
- 1.5KV isolation
- 2"x1"




**V7E-15W**

- 2:1 input
- Regulated
- Single/dual output
- 1.6KV isolation
- 2"x1"




**NJ30HW-30W**

- 4:1 input
- Regulated
- Single/dual output
- 5KVAC isolation
- Remote on/off
- 2"x1"




**NS2H-2W**

- ±10% input
- Unregulated
- Dual output
- 5KVAC isolation
- SIP7


