



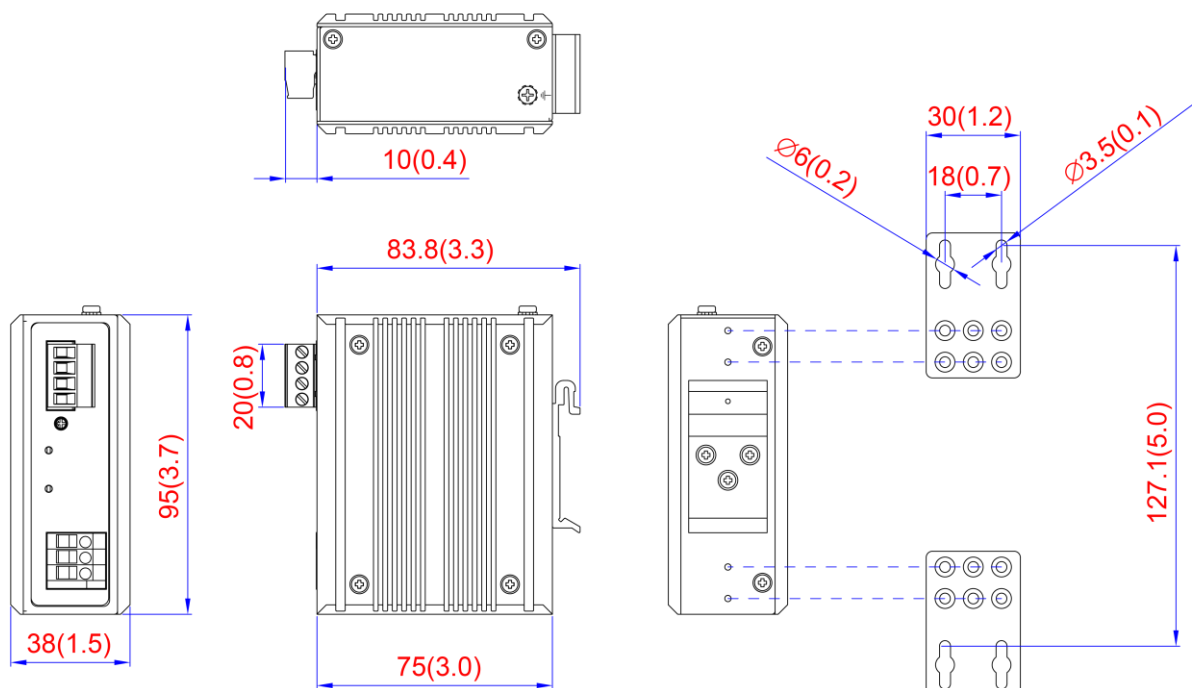
DD-0953-480

Industrial DC to DC Power Booster

- Featuring the booster technology from 9-36VDC power input to 53VDC power output
- Output voltage adjustable (48V-55V) via built-in SVR
- Protection: short circuit (Output) / overload (Input)
- Protection: Input / Output reverse polarity protection
- Protection: Input Under Voltage
- LED power indicator (Input/ Output)
- IP-30 rugged metal case design
- DIN-Rail and Wall-Mount design
- Fan-less Design, cooling by free air convection
- Wide Operating temperature range: -40°C ~ 75°C



Dimension



Unit: mm (inch)

Din-rail

Wall-mount

Specification	
Power Input	
Input Voltage	9-36(up to55) VDC
Power Connection	1*embedded 3-contact terminal block
Power Output	
Output Voltage	53VDC (48-55VDC adjustable via built-in SVR)
Power Connection	1*removable 4-contact terminal block
Max Current	17.5A
Rated Power	150W@9V, 180W@12V, 360W@24V, 480W@36-55V
Protection	
Overload Current Protection	Present (Slow-Blow Fuse)
Reverse Polarity Protection	Present
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions (W x H x D)	38 x 95 x 75 mm (1.49 x 3.74 x 2.95 inch)
Weight	Unit weight: 0.432 kg (0.95 lb), Shipping weight: 0.558 kg (1.23 lb)
Mounting	DIN-Rail Mounting, Wall Mounting
Environmental Limits	
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2: IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
MTBF (Telcordia SR-332, Issue 3, GB, 25°C)	4,199,651 hrs.
Warranty	5 Years
NOTE: Due to continuous improvement, all product specifications are subject to change without further notice.	

Packet Contents	pcs
DD-0953-480 Power Booster	1
Wall-mount installation kits	2
Quick installation guide (printed)	1

Ordering Information	
DD-0953-360	360W Industrial DIN-Rail Power Booster, 9-36VDC power input, 53VDC power output, -40°C ~ 75°C
DD-0953-480	480W Industrial DIN-Rail Power Booster, 9-36VDC power input, 53VDC power output, -40°C ~ 75°C