



Canadian Models 600V, 60Hz

Description	iSaver 165	iSaver 250	iSaver 375
Type	Dynamic Power Factor Correction (DPFC) with Harmonic filters	Dynamic Power Factor Correction (DPFC) with Harmonic filters	Dynamic Power Factor Correction (DPFC) with Harmonic filters
Installation	Parallel connected to incoming bus bar with Ct on Mains	Parallel connected to incoming bus bar with Ct on Mains	Parallel connected to incoming bus bar with Ct on Mains
Configuration	Suitable to be used in 3 phase 3 wire or 4 wire systems	Suitable to be used in 3 phase 3 wire or 4 wire systems	Suitable to be used in 3 phase 3 wire or 4 wire systems
System Input	600V AC, 3 phases, 60Hz	600V AC, 3 phases, 60Hz	600V AC, 3 phases, 60Hz
Amp Rating	158A	240A	350A
Installed Rating	200 KVAR at 690V AC	300 KVAR at 690V AC	450 KVAR at 690V AC
System Power Output	165KVAR at 600V AC	250 KVAR at 600V AC	365KVAR at 600V AC
Total number of steps	3	4	5
Total number of electrical steps	6(in steps of 27KVAR minimum compensation)	9(in steps of 27KVAR minimum compensation)	9(in steps of 40KVAR minimum compensation)
Bank details	27x1 + 54x1 + 81x1 (KVAR)	27x1 + 54x1 + 81x2 (KVAR)	40x1 + 81x4 (KVAR)
Capacitor type	690V Gas impregnated, MPP	690V Gas impregnated, MPP	690V Gas impregnated, MPP
	Low loss Metalized polypropylene Heavy Duty Capacitor	Low loss Metalized polypropylene Heavy Duty Capacitor	Low loss Metalized polypropylene Heavy Duty Capacitor
Type of Dielectric	Metalized polypropylene (Non PCB)	Metalized polypropylene (Non PCB)	Metalized polypropylene (Non PCB)
Type of Unit connection	Internal Delta	Internal Delta	Internal Delta
Installation	Indoor	Indoor	Indoor
Ambient temperature	55°C	55°C	55°C
Detuned filter	7% heavy Duty Detuned Copper Reactor custom designed for DPFC application	7% heavy Duty Detuned Copper Reactor custom designed for DPFC application	7% heavy Duty Detuned Copper Reactor custom designed for DPFC application
	Connected with capacitor	Connected with capacitor	Connected with capacitor
Type of cooling	Forced air Cooling	Forced air Cooling	Forced air Cooling
Duty	Continuous	Continuous	Continuous
Enclosure of Cap	As per IP 42	As per IP 42	As per IP 42
Bus bar Material	High Grade Industrial Copper	High Grade Industrial Copper	High Grade Industrial Copper
Bus bar Size	25mm (W) x 4mm (D)	40mm (W) x 8mm (D)	40mm (W) x 8mm (D)
Panel Size (mm)	1000(W) x 1300(H) x 750(D)	1100(W) x 1600(H) x 750(D)	1100(W) x 1700(H) x 750(D)
Weight(kgs)	310 [± 3 %]	425 [± 3 %]	480 [± 3 %]



Description	iSaver 450	iSaver 600
Type	Dynamic Power Factor Correction (DPFC) with Harmonic filters	Dynamic Power Factor Correction (DPFC) with Harmonic filters
Installation	Parallel connected to incoming bus bar with Ct on Mains	Parallel connected to incoming bus bar with Ct on Mains
Configuration	Suitable to be used in 3 phase 3 wire or 4 wire systems	Suitable to be used in 3 phase 3 wire or 4 wire systems
System Input	600V AC, 3 phases, 60Hz	600V AC, 3 phases, 60Hz
Amp Rating	428A	584A
Installed Rating	550KVAR at 690V AC	750 KVAR at 600V AC
System Power Output	445KVAR at 600V AC	607 KVAR at 600V AC
Total number of steps	6	8
Total number of electrical steps	11(in steps of 40KVAR minimum compensation)	15(in steps of 40KVAR minimum compensation)
Bank details	40x1 + 81x5 (KVAR)	40x1+ 81x7 (KVAR)
Capacitor type	690V Gas impregnated, MPP	690V Gas impregnated, MPP
	Low loss Metalized polypropylene Heavy Duty Capacitor	Low loss Metalized polypropylene Heavy Duty Capacitor
Type of Dielectric	Metalized polypropylene (Non PCB)	Metalized polypropylene (Non PCB)
Type of Unit connection	Internal Delta	Internal Delta
Installation	Indoor	Indoor
Ambient temperature	55°C	55°C
Detuned filter	7% heavy Duty Detuned Copper Reactor custom designed for DPFC application	7% heavy Duty Detuned Copper Reactor custom designed for DPFC application
	Connected with capacitor	Connected with capacitor
Type of cooling	Forced air Cooling	Forced air Cooling
Duty	Continuous	Continuous
Enclosure of Cap	As per IP 42	As per IP 42
Bus bar Material	High Grade Industrial Copper	High Grade Industrial Copper
Bus bar Size	40mm (W) x 10mm (D)	50mm (W) x 12.5mm (D)
Panel Size (mm)	1100(W) x 2000(H) x 750(D)	1600(W) x 1600(H) x 800(D)
Weight(kgs)	540 [± 3 %]	770 [± 3 %]