



TE/ME Series



VS.

CENB/MENB Series



Performance Difference Highlights

11/5/2015		SLPE TE Series	SLPE CENB Series	SLPE ME Series	SLPE MENB Series
Output Power Models Available		10W, 20W, 30W, 40W, 60W, 90W, 120W, 220W	10W, 20W, 30W, 40W, 50W, 60W, 80W, 90W, 100W, 120W, 150W, 220W (MENT)	10W, 20W, 30W, 40W, 60W, 90W, 120W, 220W	10W, 20W, 30W, 40W, 50W, 60W, 80W, 90W, 100W, 120W, 150W, 220W (MENT)
Efficiency Level		VI	V	VI	V
MTBF(hours)		>500K	200K	>500K	200K
e-cap life		>7 yrs	<5 yrs	>7 yrs	<5 yrs
Regulatory		IEC/EN/UL60950-1, 2nd Ed	IEC/EN/UL60950-1, 2nd Ed	IEC60601-1-1, 3rd Ed EMC: IEC60601-1-2, 4th Ed.	IEC60601-1-1, 3rd Ed EMC: IEC60601-1-2, 3rd Ed.
EMI	Conducted	EN55011/22 Class B, FCC Part 15 Class B 6db margin	FCC Class B	EN55011/22 Class B, FCC Part 15 Class B 6db margin	EN55022 Class B
	Radiated	EN55011/22 Class B, FCC Part 15 Class B 3db margin	FCC Class B	EN55011/22 Class B, FCC Part 15 Class B 3db margin	EN55022 Class B
EMC: EN61000-	3-2: Harmonic Current Emissions	Class A	Class A	Class A	Class A
	3-3: Voltage Fluctuations & Flicker	YES	YES	YES	YES
	4-2: ESD	8kV contact, 15kV air	4kV contact, 8kV air	8kV contact, 15kV air	4kV contact, 8kV air
	4-3: RF Field Susceptibility	10V/m	3V/m	10V/m	3V/m
	4-4: EFT/Burst	4kV/5kHz	2kV/5kHz	4kV/5kHz	2kV/5kHz
	4-5: Surge Immunity	(1kV diff, 4kV Com)	(1kV diff, 2kV Com)	(1kV diff, 4kV Com)	(1kV diff, 2kV Com)
	4-6: Conducted Radio Freq. Disturbances	10Vrms	3Vrms	10Vrms	3Vrms
	4-8: Power Freq. Magnetic Field Test	10A/m	3A/m	10A/m	3A/m
4-11: Voltage Dips	Dips: 100%, 10ms; 30%, 500ms; 60%, 100ms; Interruptions: 100%, 5000ms, Performance Criteria A, A, B & B	Dips: 100%, 10ms; 30%, 500ms; 60%, 100ms; Criteria B	Dips: 100%, 10ms; 30%, 500ms; 60%, 100ms; Interruptions: 100%, 5000ms, Performance Criteria A, A, B & B	Dips: 100%, 10ms; 30%, 500ms; 60%, 100ms; Criteria B	
Isolation	Input - Ground	1500Vac	1500Vac	1500Vac	1500Vac
	Input - Output	4000Vac	3000Vac	4000Vac	3000Vac
	Output - Ground	1500Vac	500Vdc	1500Vac	500Vdc
Oper Temp Range		-20° to 50°C, -40°C startup	0° to 40°C	-20° to 50°C, -40°C startup	0° to 40°C
Derate above:		40°C		40°C	
Humidity Spec		5% - 95%, non-condensing	20-80%, non-condensing	5% - 95%, non-condensing	5% - 95%, non-condensing
Altitude		5000m	3000m	5000m	3000m