

▶ Technical Specifications of DS II Series 10~40KVA

MODEL	DSII3110L16	DSII3115L16	DSII3120L16	DSII3125L16	DSII3130L16	DS3120L30	DSII3120L30	DSII3130L30	DSII3140L30	
Capacity (KVA)	10	15	20	25	30	20		30	40	
INPUT										
Voltage Range	380V / 400V / 415V AC \pm 20% (3Ph+N+PE)									
Frequency Range	50 Hz / 60 Hz \pm 10% (Auto Sensing)									
OUTPUT										
Voltage Range	220V / 230V / 240V AC (\pm 1%)									
Frequency Range	Auto Sensing 50 / 60 Hz \pm 1~10% Sync Mode (Configurable), 50/60 Hz \pm 0.1 Hz Battery Mode									
Power Factor	0.8 Standard, (0.9 Optional)									
Crest Factor	3:1									
Efficiency	Up to 94% Dual Conversion Mode, 99% ECO Mode									
THDV	< 2% (linear Load)									
Overload	110% for 10 Min, 150% for 1 Min, 150% for 200 ms									
BATTERY										
Battery voltage	192V DC					360V DC				
Charging Current (Amp.)	12 Amp.					10 ~ 40 Amp.				
SYSTEM FEATURES										
Transfer Time	Zero									
Display	LED	Utility Status, Inverter, Bypass, Battery Status, UPS Abnormal, Overload and Fault								
	LCD	I/O Voltage, Frequency, Battery Voltage, Load, Temperature and fault								
Alarm / Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC BUS Under / Over Voltage and Battery low									
Parallel Card (Optional)	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	
ENVIRONMENT										
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C									
Humidity / Altitude	0~95% RH Non-condensing / <1500 M									
Noise	Low Audible Noise Level									
PHYSICAL										
Dimension WxDxH (mm)	310x590x870		400x815x1100			300x815x830	405x656x817		432x821x1159	
Net Weight (Kg)	115	125	201	230	277	150	145	193	278	
STANDARDS										
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, BIS, RoHS									
Safety	IEC/EN62040-1									
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE									
COMMUNICATION INTERFACE										
Standard	RS-232									
Optional	SNMP / ModBus / Dry Contact / USB / RS-485									
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000									

*Specifications are subject to change without prior notice.

