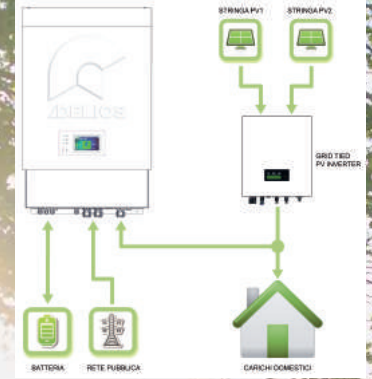


DLS AC

RETROFIT USE



AC Connection	DLS 230AC	DLS 300AC	DLS 450AC
Max. AC power (@230Vac, 50Hz)	2.2kVA	3kVA	4.5kVA
Rated AC power (@230Vac, 50Hz)	1.7kVA	3kVA	4.5kVA
AC voltage range	230Vac ± 15%		
AC frequency range	50Hz/60Hz ± 5Hz		
Max AC current	9.6A	13A	19.6A
Power Factor	1 (± 0.8)		
Feed-in phases	1		
Battery			
Battery type	Lead Acid or Li-Ion		
Battery voltage range	40V - 65V		
Battery Max charge/discharge current	35A	66A	100A
Battery Max charge/discharge power	2.3kW	3.2kW	4.8kW
System Operating Mode			
ON GRID operation	automatic		
BACKUP MODE operation	automatic		
Home appliance & external device remote control **OPTIONAL**			
Programmable home appliance control contacts	1 contact - NO	4 contact - NO	4 contact - NO
Efficiency			
Max. efficiency	95%		
Euro-eta	94%		
Protection devices			
Battery overload protection (INTERNAL FUSE)	◆		
Battery reverse polarity protection	◆		
Battery load-disconnecting switch (AUTOMATIC)	◆		
AC overload & short-circuit protection	◆		
AC safety interlock system for BACKUP MODE operation	◆		
Manual AC GRID BY-PASS switch	◆		
Ground fault monitoring	◆		
Grid monitoring & synchronization	◆		
Battery Galvanically isolated	◆		
Integrated RCMU (Residual Current Monitoring Unit)	◆		
Integrated AC line current sensor	◆		
General Data			
Dimensions (W / H / D) in mm	480 / 730 / 160	710 x 650 x 150	710 x 650 x 150
Weight	20kg	< 30Kg	< 30Kg
Operating temperature range	-25°C...+60°C		
Ingress protection class	IP 21		
Installation	Indoors - Unconditioned		
Topology BATT-AC	HF transformer		
Cooling concept	I-cool (Fan on demand)		
Features			
DC BAT connection	screw terminal block		
AC connection	screw terminal block		
Graphic display touch screen	◆		
Interfaces: RS485/RS232/CAN/ USB/ Ethernet / WiFi	◆/◆/◆/◆/◆		
Certificates	CE		
Product standards	IEC 62109-1 (Safety) IEC 62109-2 (Safety) IEC 61000-6-2 (EMC) IEC 61000-6-3 (EMC)		
National connection standards	CEI 0-21 (IT) - VDE 0-126-1-1 (DE) VDE AR-N 4105 (DE)		
Legenda:			
◆ Standard feature			
◇ Optional feature			

(* Delios S.r.l. reserves the right to change products and specifications at any time without prior notice