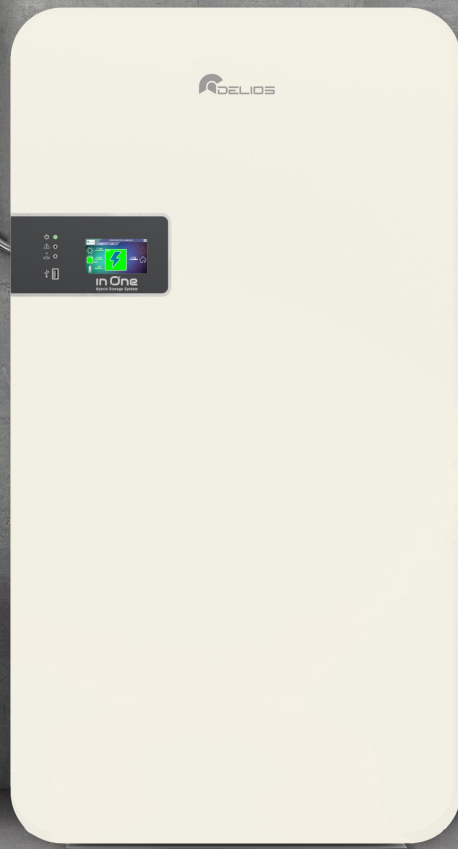


in One
Hybrid Storage System



DLS 450 IN ONE - DLS 600 IN ONE



PV INPUT	
MAX INPUT POWER (kWp)	6 – 8
MAX INPUT VOLTAGE (Vdc)	600
MIN INPUT VOLTAGE (Vdc)	115
MPPT VOLTAGE RANGE (Vdc)	100 – 550
MAX MPPT CURRENT (A)	20 – 20
MPPT INPUT NUMBER	2

BATTERY STORAGE	
NOMINAL VOLTAGE (V)	51,2
CAPACITY (Ah)	100 - 200
ENERGY (kWh)	5,12 - 10,24
NOM. BATTERY CURRENT (A)	50
NOM. BATTERY POWER (kW)	2,56
CYCLES @ 80%DoD, 25°C, 70% residual capacity	6000
CALENDAR LIFE (Years)	10

AC OUTPUT	
NOMINAL POWER (kW)	4,5 – 6
GRID CONNECTION	1P+N+PE
NOMINAL VOLTAGE (Vac)	230
NOMINAL FREQUENCY (Hz)	50
NOMINAL CURRENT (Iac)	19,6 – 26,1
MAX PV TO AC EFFICIENCY (%)	97
TYP BATT TO AC EFFICIENCY (%)	94

EPS OUTPUT	
MAX EPS POWER (kVA)	4,5 – 6
INTERVENTION TIME (S)	<5

COMPLIANCE	
QUALITY STANDARDS	UNI EN ISO 9001:2008
DIRECTIVES	2014/35/EU, 2014/30/EU, 2011/65/CE, 2006/66/CE
CERTIFICATIONS	EN 62109-1 EN 62109-2 IEC 62619:2017 UN 38.3 RoHS
EMC	EN 61000-6-2 EN 61000 6-3



In One Hybrid Storage System

ENCLOSURE	
DIMENSIONS (mm)	700 x 1300 x 210
WEGHT (kg)	172
PROTECTION	IP 21
INTERFACES	
COMMUNICATION	WIFI - ETHERNET
GRAPHIC TOUCH SCREEN	4.3"